Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

SHOUT
SHARE
IT

62.61

LIBRARY,
U.S. Department of Agriculture,
Washington, D. C.

BULBS

1912
ESTABLISHED
1802

J. M. THORBURN & CO.
NEW YORK

Grass Seed for Autumn Sowing

Autumn sowing is recommended from the latter part of August to the middle of September, so that the young grass may become well rooted before winter sets in.

The Thorburn Lawn Grass

Many of the finest lawns in America were produced from this mixture. It is composed of permanent grasses that make a finer and thicker turf the older they become, and yet give a rich greensward in three or four weeks from the time of sowing. (The ordinary Central Park Lawn Grass Seed as usually sold is not to be compared with this superior mixture.) It should be sown at the rate of 4 to 5 bushels to the acre. Per qt. 25 cts., 2 qts. 45 cts., ½pk. 75 cts., pk. $1.20, bus. of 15 lbs. $4.

Thorburn's Grass Mixture for Shady Spots on Lawns

A mixture of grasses that thrive in shaded situations under trees, or close to walks where there is little sun. Per qt. 40 cts., 2 qts. 70 cts., ½pk. $1.25, pk. $2, bus. of 24 lbs. $7.

Thorburn's Grass Mixture for Terraces

A mixture of fine stoloniferous grasses peculiarly adapted to terraces. Per qt. 35 cts., 2 qts. 60 cts., ½pk. $1, pk. $1.75, bus. of 20 lbs. $6.

Thorburn's Special Lawn Grass Mixture

This extra-choice mixture contains a large proportion of the finer and more expensive species, such as Rhode Island Bent, Crested Dog's-Tail, Creeping Bent, in extra-heavy samples, bringing the weight up to 20 lbs. per bushel, and producing a turf of the closest and finest texture possible. Per qt. 30 cts., 2 qts. 55 cts., ½pk. 90 cts., pk. $1.60, bus. of 20 lbs. $5.50.

Thorburn's Lawn-Restoring Grass Seed

A mixture of grasses that will take firm hold and grow quickly on hard, worn-out or burned spots. Some **Lawn-restoring Grass Seed** should be sown before every summer rain on thin places. Per qt. 35 cts., 2 qts. 60 cts., ½pk. $1, pk. $1.75, bus. of 20 lbs. $6.

Thorburn's Lawn Grass for the South

A mixture of grasses that stand extremes of heat and drought, and that are, therefore, peculiarly adapted to southern lawns. Per qt. 35 cts., 2 qts. 60 cts., ½pk. $1, pk. $1.75, bus. of 20 lbs. $6.50.

Also Permanent Grass Seed for Golf-Links, Tennis-Courts, Polo-Grounds, etc.

We have devoted much attention to the seeding and preservation of golf-links, tennis-courts and polo-grounds, and offer the following mixtures, which have been used on most of the finest links, etc., in the country with very satisfactory results.

Tennis-Court Mixture

A mixture of extra-fine grasses peculiarly adapted to tennis-courts. This mixture will make a firm, green and lasting turf of the finest texture that will improve with tramping. Per qt. 35 cts., 2 qts. 60 cts., ½pk. $1, pk. $1.75, bus. of 20 lbs. $6.

Grass Mixture for Railroad Banks, etc.

A mixture of grasses with long, interlacing, matting roots that will bind steep embankments, gravelly or sandy slopes, etc., preventing washouts by rain-storms and covering them with permanently green turf. Per qt. 30 cts., 2 qts. 50 cts., ½pk. 80 cts., pk. $1.25, bus. of 18 lbs. $4.50.

Fair-Green or Golf-Links Mixture

For the grounds in general. Per bus. of 20 lbs. $4.

Putting-Green Mixture

A mixture of extra-fine grasses that will make a close firm, green and lasting turf, which will improve with tramping. Per qt. 40 cts., 2 qts. 70 cts., ½pk. $1.25, pk. $2, bus. of 24 lbs. $7.

Polo-Grounds Mixture

A mixture of fine-leaved and deep-rooting grasses, forming a strong and lasting turf that will stand hard usage. Per bus. of 20 lbs. $4.

J. M. Thorburn & Co.'s Catalogue

OF BULBS AND FLOWERING ROOTS FOR FALL PLANTING

Season 1912

MANY of our most beautiful flowers are produced from bulbs, and they may be grown indoors in the winter months, when flowers are most appreciated. By successive plantings a constant supply of blooms can be had from December until May. The finest outdoor displays of the early spring months are also from bulbs planted in the autumn. The cultural directions found under the respective headings are worthy of careful attention.

Our bulbs are all selected, coming from the best growers, and should not be confounded with the cheap "case" bulbs sent to this country on speculation, and often sold at auction and otherwise, at very low prices.

NAME AND ADDRESS. *We often receive orders with either the name or the address of the sender omitted. As we can do nothing with such orders, the customer thinks his order is being neglected. We therefore beg our correspondents to be careful to write on each order their name and full address.*

ORDERS should be sent as soon as possible after receipt of this Catalogue. *The bulbs will be shipped in proper time for planting. They are ready from August to November, according to the time of ripening and the country from which they come.* Orders received earliest are surest of being filled in full. If left too late, the supply of some of the varieties may be exhausted.

The prices quoted do *not* include transportation charges, which are extra. In stipulating amounts to be sent for postage, it is understood to apply to the United States only.

Please address all orders and remittances to

J. M. THORBURN & CO.

33 Barclay Street and 38 Park Place, New York

F. W. BRUGGERHOF, President
E. E. BRUGGERHOF, Vice-Pres. and Treas.
A. PROTIN, Assistant Treasurer
J. J. WILSON, Secretary

Established 1802 - Incorporated 1894

Copyright, 1912, by J. M. Thorburn & Co.

HYACINTHS

THESE BULBS ARE READY FOR DELIVERY IN SEPTEMBER

The Hyacinth is one of the most popular and beautiful spring-flowering plants for indoor and outdoor decoration. By careful management in keeping up a succession, it may be had in flower from the beginning of winter to the end of May. For a spring display in the open ground it is unexcelled. Brilliant effects can be obtained by massing different colors in varieties that grow about the same height and bloom at the same time. We furnish very large numbers for this purpose to public parks and cemeteries, and we shall be pleased to recommend to any one suitable sorts, when desired.

OUTSIDE CULTURE. In this section, October is the month to plant Hyacinths outside. They succeed best in a light soil and a sunny situation. If the soil is naturally heavy, some sand should be mixed with it, and if the beds have been occupied with other plants throughout the summer, some well-rotted cow manure should be added. The soil should be well dug to a depth of 14 inches, and raised from 2 to 4 inches above the level of the walk. The bulbs should be planted evenly, about 6 inches deep to the bottom of the bulb, and from 6 to 7 inches apart; if planted at uneven depths they will not bloom at the same time, but irregularly. Care must be taken not to press the earth too firmly around and over the bulbs. Some successful gardeners follow the plan of setting each bulb in a handful of clean sand, which insures proper drainage. After the ground has been frozen in early winter, cover with a few inches of dry litter, evergreen boughs or coarse manure. If this covering be applied before freezing weather, it renders the bulbs liable to the predations of field mice which may burrow in it.

CULTURE IN POTS. For growing in pots, large, selected, named varieties should be used. They should be potted singly in 5-inch or 6-inch pots. Three bulbs in a 7-inch pot are very effective. The best potting compost is fibrous loam and manure in about equal parts, with some river sand intermixed. The pots should be filled lightly, and the bulb pressed into the soil so that its base is firmly fixed. About one-third of the bulb should remain above the soil. The pots should then be buried in the open ground to the depth of 6 inches, and left there for five or six weeks, until they are well filled with roots. They may then be taken into the house, where the warmth will soon bring them into flower. Where a succession is desired, it is best to pot at intervals from September till the end of November. Plenty of water should be applied, and manure-water is beneficial after the flower-spikes appear.

CULTURE IN GLASSES. Single varieties are better adapted for culture in glasses than double ones. The bulb should be placed so that the base is just in contact with the water. Soft rain-water should be used, and a little charcoal might be placed in it to keep it pure. The glasses should be kept in a cool, dark closet for ten or twelve days, until roots are formed, and then exposed to the light and air as much as possible. Do not place them near gaslight. In very cold weather the glasses should be removed from the window, as the bulbs cannot stand frost. The water should never be allowed to freeze, and it should be changed every two or three days.

Persons unacquainted with the different varieties will do well to leave the selection to us, only specifying in their order whether bulbs are wanted for pot, glass or garden culture.

We invite special attention to the assortments of Named Hyacinths of our selection offered on page 4, and to the Hyacinth Glasses which are described at the end of the Catalogue.

The names of our Hyacinths and Tulips are those given to them by the originators in Holland, and they are not sold under fancy names manufactured in this country.

SELECT NAMED DUTCH HYACINTHS

N. B. Our Select Named Hyacinths are the cream of the Holland Nurseries under their original names. *For forcing in pots or for outdoor beds they far surpass the class of Bulbs usually sold.*

The single-flowered varieties are generally more effective and better for forcing than the double ones. They also, as a rule, succeed better in glasses. The double varieties are distinguished by an asterisk (*) and those of them that do well for forcing in water by two asterisks (**).

Three of a kind sold at the dozen rate

NAMED BLUE HYACINTHS

	Each	Doz.
Baron Van Thuyll. Fine deep blue	$0 10	$1 00
Bleu Mourant. Dark; compact truss	10	1 00
****Blocksberg.** Light blue; large spike	12	1 25
***Bride of Lammermoor.** Dark blue	12	1 25
Captain Boyton. Sky-blue; large bells and truss	12	1 25
Charles Dickens. Blue; early	12	1 25
***Delicata.** Light blue; very fine	15	1 50
***Garrick.** Bright blue	15	1 50
****General Anthink.** Porcelain-blue; dark center	12	1 25
***General Kohler.** Bright blue; large spike; fine forcer	15	1 50
Grand Maitre. Large truss; deep porcelain-blue; extra fine	10	1 00
Grand Lilas. Silvery lilac; fine spike	$0 15	$1 50
King of the Blues. Dark blue; extra-large spike	10	1 00
La Peyrouse. Clear porcelain-blue	10	1 00
***Laurens Koster.** Purplish blue	15	1 50
Leonidas. Clear blue; large truss	10	1 00
Lord Derby. Light porcelain-blue	12	1 25
***Lord Wellington.** Dark blue	12	1 25
Marie. Dark blue; large spike	10	1 00
****Mignon de Drijfhout.** Fine blue	12	1 25
***Prince of Saxe Weimar.** Dark blue.	12	1 25
Queen of the Blues. Light blue	15	1 50
Regulus. Light blue; large bells and spike	10	1 00
***Van Speyk.** Light blue; splendid	15	1 50

NAMED PURE AND BLUSH-WHITE HYACINTHS

	Each	Doz.
Alba Maxima. Pure white	$0 10	$1 00
Alba Superbissima. Pure white	10	1 00
Albertine. Pure white; early; fine forcer	10	1 00
Baroness Van Thuyll. Pure white; large truss; very early	10	1 00
***Bouquet Royal.** Pure white	12	1 25
British Queen. Pure white; grand truss	15	1 50
Elfride. Blush-white; large bells	15	1 50
***Flevo.** Pure white	15	1 50
Grandeur a Merveille. Rosy white; large, well-formed spike	10	1 00
***Grootvorstin.** Pure white with yellow center	12	1 25
***Isabella.** Rosy white; grand spike	12	1 25
***La Deesse.** Pure white	12	1 25
La Franchise. Fine waxy white; large bells	10	1 00
La Grandesse, Single. Pure white; extra	$0 15	$1 50
***La Grandesse, Double.** Pure white; strong waxy, very double bells	12	1 25
****La Tour d'Auvergne.** Pure white; very early	12	1 25
****La Virginite.** Blush-white; fine forcer.	12	1 25
Leviathan. White; large bells and spikes	10	1 00
L'Innocence. Pure white; large truss.	15	1 50
Madame Vanderhoop. Pure waxy white	10	1 00
Mr. Plimsoll. Pure white; large truss	10	1 00
***Non Plus Ultra.** Blush-white, violet center	12	1 25
Paix de l'Europe. Pure white; large spike; fine forcer	10	1 00
Princess Metternich. Pure white; fine.	12	1 25
Snowball. Large; pure white	20	1 75
Voltaire. Creamy white; large spike.	10	1 00

NAMED RED, CRIMSON AND PINK HYACINTHS

	Each	Doz.
Amy. Carmine	$0 10	$1 00
***Bouquet Royal.** Rose; fine	12	1 25
****Bouquet Tendre.** Red; extra	12	1 25
Cardinal Wiseman. Bright rose; immense spike	10	1 00
Fabiola (Florence Nightingale). Rose.	10	1 00
Garibaldi. Brilliant carmine; fine	12	1 25
General Pelissier. Purplish crimson.	10	1 00
Gertrude. Bright pink; fine, compact spike. One of the best for in- or out-of-doors	10	1 00
Gigantea. Blush-pink; large truss	10	1 00
****Grootvorst.** Blush; large truss and bells	10	1 00
***Kohinoor, Double.** Fine rose; semi-double; large spike	15	1 50
Lady Derby. Waxy pink; very large	12	1 25
****Lord Wellington, Double.** Light rose; extra large	$0 15	$1 50
****Noble par Merite.** Deep rose; fine	12	1 25
Norma. Delicate waxy pink	10	1 00
Pink Perfection. Pale rose, striped pink	15	1 50
Prince of Orange, Single. Rose; fine truss	12	1 25
***Princess Alexandra.** Rosy red	15	1 50
Robert Steiger. Fine deep crimson	10	1 00
Roi des Belges. Deep crimson-scarlet fine truss	10	1 00
Rosea maxima. Rose; fine spike; late	12	1 25
***Sir Walter Scott.** Light rose; large bells	12	1 25
Sultan's Favorite. Pale rose, shaded dark rose	15	1 50

NAMED LILAC AND MAUVE HYACINTHS

	Each	Doz.
Haydn. Lilac; large spike	$0 12	$1 25
L'Esperance. Dark violet; very showy; good truss; late	12	1 25
Lord Balfour. Purple; large spike	$0 12	$1 25
Mauve Queen. Purplish; fine truss	12	1 25
Sir William Mansfield. Fine mauve	12	1 25

If ordered by mail, please add 15 cts. per dozen, or 60 cts. per 100 for postage

Hyacinth Glasses, tall or Tye's shape. Blue, green, and purple. Either style, 20 cts. each, $2 per doz.

NAMED YELLOW AND ORANGE HYACINTHS

	Each	Doz.
***Bouquet Orange.** Orange-yellow	$0 15	$1 50
Duc de Malakoff. Salmon, striped orange; fine spike	10	1 00
****Goethe.** Pale yellow	15	1 50
Ida. Light yellow; large spike	12	1 25
****Jaune Supreme.** Dark yellow	12	1 25
King of the Yellows. Bright yellow	12	1 25
MacMahon. Pure yellow; large spike	$0 15	$1 50
***Minerva.** Orange-yellow	15	1 50
Obelisque. Fine clear yellow	15	1 50
***Ophir d'Or.** Yellow; reddish center	12	1 25
***Sunflower.** Pure yellow	12	1 25
Yellow Hammer. Golden yellow; good spike	12	1 25

If ordered by mail add 15 cts. per dozen, or 60 cts. per 100 for postage

COLLECTIONS OF DUTCH HYACINTHS, OUR SELECTION

No. 1. **12 Named Hyacinths,** for house culture in pots and glasses $1 00
No. 2. **12 Fine Named Hyacinths,** for house culture in pots and glasses 1 25
No. 3. **12 Extra-fine Named Hyacinths,** for house culture in pots and glasses 1 50
No. 4. **50 Fine Named Double** and **Single Hyacinths,** in 12 varieties 3 75
No. 5. **100 Fine Named Double** and **Single Hyacinths,** in 25 varieties 7 00

GROUPS OF DUTCH HYACINTHS FOR DESIGN BEDDING

To obviate the disappointment resulting from selecting unsuitable varieties for design beds, we give the following groups of sorts that bloom about the same time and grow to the same height. They will all form effective combinations. We recommend **named** sorts for design bedding as decidedly better than mixtures.

Fabiola. Rose.
Alba Superbissima. White.
Charles Dickens. Blue.

Gigantea. Blush-pink.
Grandeur a Merveille. White.
Baron Van Thuyll. Blue.

Robert Steiger. Red.
Mad. Vanderhoop. White.
Marie. Blue.

General Pelissier. Crimson.
Baroness Van Thuyll. White.
Grand Maitre. Blue.

Norma. Pink.
La Franchise. White.
La Peyrouse. Blue.

MIXED DUTCH HYACINTHS IN SEPARATE COLORS

Largest bulbs. Suitable either for forcing or bedding

Our Mixed Hyacinths should not be confounded with the small-sized, low-priced mixtures often sold. Our bulbs are all of the largest size. Being furnished in so many separate colors, splendid bedding effects may be produced with them. They are also admirably adapted for forcing in the greenhouse for winter cut-flowers.

Six of a color at dozen rate, 25 of a color at 100 rate

	Doz.	100
Single Dark Blue	$0 50	$3 50
" **Light Blue**	50	3 50
" **Blue.** All shades	50	3 50
" **Dark Red**	50	3 50
" **Rose and Pink.** All shades	50	3 50
" **Red.** All shades	50	3 50
" **Pure White**	50	3 50
" **Blush-White**	50	3 50
" **White.** All shades	50	3 50
" **Yellow.** All shades	50	3 50
" **MIXED COLORS**..1,000 $30..	50	3 50
Double Dark Blue	$0 50	$3 50
" **Light Blue**	50	3 50
" **Blue.** All shades	50	3 50
" **Dark Red**	50	3 50
" **Rose and Pink.** All shades	50	3 50
" **Red.** All shades	50	3 50
" **Pure White**	50	3 50
" **Blush-White**	50	3 50
" **White.** All shades	50	3 50
" **Yellow.** All shades	50	3 50
" **MIXED COLORS**..1,000, $30	50	3 50

FRENCH ROMAN HYACINTHS

Extensively used by florists for forcing cut-flowers. For this purpose they are the best and most popular of bulbs. The flowers are delightfully fragrant, and each bulb will throw up from three to four spikes. For forcing, three or four bulbs are generally planted in a suitable spot, in good soil (as recommended for other varieties). The pots must be kept in a cool and dark place until they fill with roots, when the flower-spikes can be rapidly developed by exposure to light and moderate heat. They are very easily grown and extremely early, and by making successive plantings they may be had in flower all through the winter. The blue and rose Roman Hyacinths flower from one to two weeks later than the white variety.

	Each	Doz.	100
Pure White. First size	$0 06	$0 60	$4 00
" " Extra-selected bulbs	08	75	5 00
Double Dark Rose	$0 05	$0 45	$3 00
Single Blue	05	45	3 00

MINIATURE HYACINTHS

These are also known as **"Dutch Roman"** and **"Pan Hyacinths."** They are very suitable for growing in groups in pots or earthen pans. We offer tham in separate colors, and also mixed, as follows:

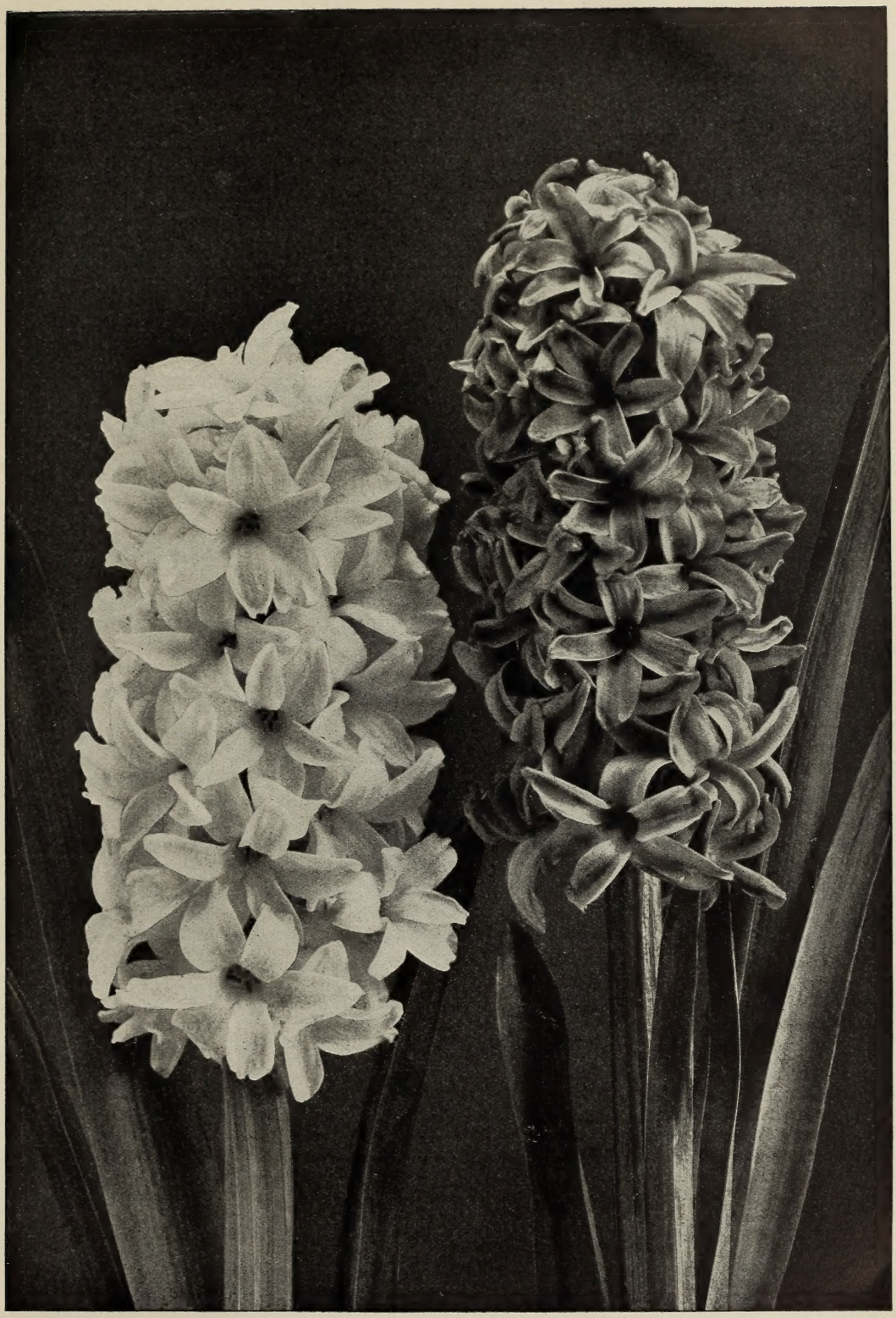
Pure White, Bright Red, Light Blue and **Dark Blue.** 5 cts. each, 40 cts. per doz., $2.50 per 100.
Mixed Colors. 5 cts. each, 40 cts. per doz., $2.50 per 100.

ITALIAN HYACINTHS

Grown largely by florists for cutting. The flowers are single, very graceful and fragrant, and produced abundantly. They are hardier than the Romans, and may also be planted outside in the fall for flowers for early spring cutting.

	Each	Doz.	100
Single White, Early	$0 05	$0 50	$3 50
" " **Late** (St. Joseph)	05	50	3 50
" **Pink**	05	50	3 50

—If ordered by mail, add 10 cts. per dozen or 50 cts. per 100 for postage—



Single Hyacinths

TULIPS

TULIPS ARE READY FOR DELIVERY IN SEPTEMBER

For beauty of form and brilliancy of coloring, Tulips are unequaled. For bedding they are the most popular and effective of all hardy bulbous plants. In our descriptions we give the color and average height to which they grow, so that purchasers may select suitable sorts for forming display beds in design. The most gorgeous effects can be produced by harmonious massing of contrasting colors. For pot culture and forcing for winter cut-flowers they are also invaluable.

CULTURE.—The cultural directions given for hyacinths, on page 2, are equally applicable to Tulips, except that the bulbs, being smaller, must not be planted quite so deep. Four inches to the bottom of the bulb is deep enough, and a distance of 5 or 6 inches between the bulbs is sufficient. They may be planted in October and November before the ground freezes. A little sand around each bulb is generally recommended, but in light, sandy soil this may be dispensed with. For pot culture, a compost of two parts loam to one part light manure, with some sand intermixed, is suitable. From three to five bulbs, according to size, in a 5-inch pot, are very effective. The pots should be buried until the bulbs are well rooted, in the manner recommended for hyacinths. Most of the varieties named below are equally well adapted for pot culture or the open border.

A, B, and C indicate seasons of flowering. A and B may be planted to flower about the same time in the open ground; C flowers later.

SINGLE EARLY TULIPS

Six of a kind at dozen rate, 25 of a kind at 100 rate

		Height in.			Doz.	100
C	**Alba regalis.** Creamy white	6	3 for	10c.	$0 25	$1 60
B	**Artus.** Bright scarlet; fine bedder	per 1,000, $11	7	3 for 10c.	25	1 50
A	**Belle Alliance** (Waterloo). Rich scarlet; fine forcer or bedder	" $18	7	each 4c.	35	2 00
B	**Brutus.** Red and orange	6	3 for	10c.	25	1 50
A	**Canary Bird.** Pure yellow; fine for forcing	" $10	8	3 for 10c.	25	1 50
B	**Cardinal's Hat.** Red	" $10	8	3 for 10c.	25	1 50
A	**Chrysolora.** Splendid; pure yellow; good forcer or bedder	" $10	7	3 for 10c.	25	1 50
B	**Cottage Maid.** Beautiful rose, flushed white. For forcing or bedding,	per 1,000, $10	7	3 for 10c.	25	1 50
B	**Couleur Ponceau.** Rosy red, shaded white	" $10	8	3 for 10c.	25	1 50
A	**Crimson King** (Roi Cramoisi). Bright crimson; fine	" $10	7	3 for 10c.	25	1 50
B	**Duchesse de Parma.** Orange-scarlet, yellow border; forcer and bedder,	per 1,000, $12	9	3 for 10c.	25	1 50
B	**Dusart.** A splendid dark scarlet; unsurpassed for bedding	7	each	5c.	40	2 50
B	**Goldfinch.** Pure yellow; sweet-scented; early forcer	7	3 for	10c.	30	1 75
B	**Golden Prince.** Bright yellow; sweet-scented	per 1,000, $10	7	3 for 10c.	25	1 50
A	**Joost Van Vondel.** Cherry-red, feathered white; large	" $17	7	each 4c.	35	2 25
B	**Keizerkroon.** Crimson, yellow border; fine forcer or bedder	" $14	9	3 for 10c.	30	1 75
A	**King of the Yellows.** Golden yellow; fine forcer; one of the earliest	per 1,000, $13	8	3 for 10c.	30	1 75
A	**La Reine** (Queen Victoria). Rosy white; fine forcer	" $10	7	3 for 10c.	25	1 50
B	**L'Immaculee.** Pure white; very fine forcer; early	" $10	7	3 for 10c.	25	1 50
A	**Mon Tresor.** Large; pure yellow; extra fine; early forcer	8	each	4c.	35	2 00
A	**Nelly.** Pure white; very large flower	7	each	4c.	35	2 00
A	**Ophir d'Or.** Golden yellow; large flower; good bedder	7	3 for	10c.	30	1 75
A	**Pottebakker, Pure Yellow.** Very fine	8	3 for	10c.	30	1 75
A	**Pottebakker, White.** White; fine forcer	8	each	4c.	35	2 00
C	**Pottebakker, Scarlet.** Very effective; bright scarlet; forcer	8	each	4c.	35	2 00
B	**Prince of Austria.** Splendid; orange-red; very fragrant; extra fine for forcing	9	each	6c.	50	3 00
A	**Princess Marianne.** Rosy white; fine bedder	7	3 for	10c.	25	1 50
A	**Proserpine.** Extra; rosy carmine; good forcer	per 1,000, $26	7	each 6c.	50	3 00
A	**Queen of the Netherlands.** Beautiful, egg-shaped flowers; soft rose, flushed white; extra fine	8	each	6c.	50	3 00
A	**Rachel Ruisch.** Rose; good forcer	8	3 for	10c.	30	1 75
B	**Rosa Mundi (Huikman).** Rose and cream	per 1,000, $11	8	3 for 10c.	25	1 50
B	**Rose Aplati.** White, with soft rose edge; beautiful	7	each	7c.	60	3 50
B	**Rose Gris-de-lin.** Delicate rose, flushed white; fine forcer and bedder	6	3 for	10c.	25	1 50
B	**Rose Luisante.** Deep rose; fine	7	each	7c.	60	3 50
B	**Thomas Moore.** Terra-cotta, shaded golden; fine bedder	9	3 for	10c.	25	1 50
B	**Van Goijen.** Rose; very beautiful; forcer	7	3 for	10c.	30	1 75
A	**Vermilion Brilliant.** Most brilliant vermilion; fine for pots and for forcing	8	each	7c.	60	3 50
B	**Wapen Van Leiden** (Arms of Leyden). White, rose-shaded	9	3 for	10c.	30	1 75
B	**Washington.** Silvery white; fine bedder and forcer	7	each	5c.	35	2 00
A	**White Hawk.** Large; pure white; fine for forcing	7	each	4c.	35	2 25
B	**White Swan.** Pure white; true egg-shaped variety	8	3 for	10c.	25	1 50
	Mixed Early Single, Thorburn's Special Mixture. Extra choice	per 1,000, $9	3 for	10c.	25	1 25

If ordered by mail, add 5 cts. per dozen or 30 cts. per 100 for postage

May-Flowering Tulips

DARWIN TULIPS

If ordered by mail, add 7 cts. per dozen or 40 cts. per 100 for postage

They grow very tall, with large flowers of fine form. Being borne on very long stems, they are excellent for cutting to put in vases for house decoration. They are all single, self-colored, and of great brilliancy.

	Each	Doz.	100
Asa Gray. Dark carmine	$0 05	$0 40	$2 50
Auber. Dark maroon	05	40	2 50
Calistre. Rosy lilac	06	50	3 00
Carminea. Glowing rose shaded carmine	06	50	3 00
Edouard Andre. Outside purple, inside mauve	06	50	3 00
Excelsior. Deep carmine-red	06	50	3 00
G. de Cordous. Brilliant scarlet, fine for cutting	06	50	3 00
Kate Greenaway. White and lilac	06	50	3 00
Landelle. Bright rose-pink, shading pale pink	06	50	3 00
Laurentia. Deep carmine-rose	06	50	3 00
Margaret (Gretchen). Blush-white; globular form	05	40	2 50
Nymph. White, tinted rose and lilac	07	60	3 50
Olga. White and lilac	05	40	2 50
Painted Lady. Creamy white	07	60	3 50
Phocia. Deep blood-red	06	50	3 00
Pygmalion. Purplish carmine	06	50	3 00
Queen of Roses. Rose; extra	07	60	4 00
Romano. Soft cherry-red; very fine	06	50	3 00
Roxane. Rosy salmon	06	50	3 00
The Sultan. Glossy maroon-black	05	40	2 50
Mixed Darwins. Self-colored			
per 1,000, $14; 3 for 10c.		30	1 75

Darwin Tulips

SINGLE LATE-FLOWERING TULIPS (May-Flowering)

Six of a kind at dozen rate, 25 of a kind at 100 rate

These are all tall-growing, May-flowering Tulips, with very large, most brilliantly colored flowers of perfect form. They will be found invaluable for garden work. The named Bizarres and Bybloems are the sorts grown by florists for show purposes. Splendid for cutting rather than for design bedding.

If ordered by mail, add 5 cts. per dozen or 30 cts. per 100 for postage

		Doz.	100
Bridesmaid (Maid of Holland). Cherry-rose, flaked white	3 for 10c.	$0 30	$1 75
Bouton d'Or (Ida). Pure deep yellow; very beautiful; fine for cutting	3 for 10c.	30	1 75
Gesneriana Major. Scarlet, with blue base; effective in beds; fine for cutting	each 4c.	35	2 00
" **Rosea.** Rosy carmine, black base	3 for 10c.	25	1 50
Golden Crown. Deep yellow, edged red; fine for cutting	3 for 10c.	25	1 50
Golden Eagle, or **Yellow Gesneriana.** Golden yellow	3 for 10c.	35	1 75
Isabella (Blushing Bride, or Shandon Bells). Cream, turning carmine-rose; fine late sort	3 for 10c.	30	1 75
La Merveille. Salmon-rose, shaded orange-red; flowers of great size; elegant pitcher-shaped when closed; sweet-scented; magnificent	each 4c.	35	2 00
Picotee (Maiden's Blush). White, with rose edge	3 for 10c.	30	1 75
Rosalind. Rose, with white base; very lovely	each 4c.	35	2 00
Sweet Nancy. White, edged rose	each 4c.	35	2 00
Mixed Late Single	per 1,000, $10; 3 for 10c.	25	1 35

PARROT TULIPS (May-Flowering)

Six of a kind at dozen rate, 25 of a kind at 100 rate

For outdoor cultivation. The petals of these have feathered edges, and, in addition to other colors, combine shades of green—a peculiarity confined to this class. The flowers are very singular and picturesque, of large size and brilliant color, and form very effective groups for the flower-border. To get the best results they must have the full effect of the sun. Very late flowering.

If ordered by mail, add 6 cts. per dozen or 35 cts. per 100 for postage

		Doz.	100
Cafe Brun. Purplish brown and yellow	3 for 10c.	$0 30	$1 75
Constantinople. Light red	3 for 10c.	30	1 75
Lutea Major. Large yellow flowers	3 for 10c.	30	1 75
Markgrave of Baden. Bright yellow flowers, striped with scarlet	3 for 10c.	30	1 75
Monstre Cramoisi Brillant. Deep crimson, large black center	3 for 10c.	30	1 75
Perfecta. Yellow, spotted red	3 for 10c.	30	1 75
Mixed Colors	per 1,000, $8.50 3 for 10c.	25	1 25

Single Tulips

DOUBLE TULIPS

Six of a kind at dozen rate, 25 of a kind at 100 rate

The Double Tulips come into bloom a little later than the single varieties. They are splendid for bedding, and the flowers last longer in bloom than the single ones. Some of the sorts are quite dwarf.

If ordered by mail, add 6 cts. per dozen or 35 cts. per 100 for postage

		Height in.			Doz.	100
B	**Alba Maxima.** Pure white; early	7	each	5c.	$0 40	$2 50
A	**Blanche Hative.** Pure white; very early. Easy forcer	7	each	5c.	40	2 50
A	**Couronne d'Or.** Beautiful orange-yellow; large, handsome flower	8	each	5c.	40	2 50
B	**Duke of York.** Violet, white border	8	3 for	10c.	25	1 50
A	**Gloria Solis.** Red, with yellow border; early	7	each	4c.	35	2 00
B	**Helianthus.** Red and yellow; early	6	each	5c.	40	2 50
B	**Imperator Rubrorum.** Rich crimson-scarlet. Fine forcer; early	8	each	5c.	40	2 50
A	**Lady Palmerston.** Rose; large flower; fine	10	each	5c.	40	2 25
B	**La Candeur.** White, green-tipped. Fine for bedding with Rex Rubrorum	6	each	4c.	35	2 00
B	**Le Blason.** White; fine flower; early	6	each	4c.	35	2 00
B	**Murillo.** Blush-white; fine for forcing; early	6	3 for	10c.	25	1 50
C	**Pæony Gold.** Red and gold; late-flowering; dwarf	6	each	4c.	35	2 00
C	**Pæony Red.** Fine, deep red; late-flowering; dwarf	6	each	4c.	35	2 00
B	**Rex Rubrorum.** Brilliant scarlet. Fine for bedding with La Candeur	8	each	5c.	40	2 50
B	**Rose Blanche.** Extra pure white; very fine; early	6	3 for	10c.	30	1 75
B	**Rubra Maxima.** Deep red; splendid flower; early forcer	6	each	4c.	35	2 00
A	**Tournesol.** Bright red, yellow edge; earliest double	7	each	5c.	40	2 50
A	**Tournesol, Yellow.** Orange-shaded; very early	7	each	5c.	40	2 25
C	**Yellow Rose.** Pure golden yellow; late-flowering; sweet scented	8	3 for	10c.	25	1 50
	Mixed Early Double, Thorburn's Special Mixture. per 1,000, $9		3 for	10c.	25	1 25

DUC VAN THOL TULIPS

Six of a kind at dozen rate, 25 of a kind at 100 rate

The Duc Van Thols are the earliest of all the Tulips. They are of dwarf habit, and well adapted for forcing and for pot culture. They bloom outdoors before the early single Tulips.

If ordered by mail, add 6 cts. per dozen or 35 cts. per 100 for postage

	Height in.			Doz.	100
Red. Bordered with yellow	6	3 for	10c.	$0 30	$1 75
Rose. Milky white, shading to beautiful rose	6	each	4c.	35	2 00
Scarlet. Dazzling scarlet per 1,000, $18	7	each	5c.	40	2 25
Crimson. Bright crimson	7	3 for	10c.	30	1 75
Vermilion. Bright vermilion	6	each	4c.	35	2 00
Gold-striped. Glossy red, striped with golden yellow	6	3 for	10c.	30	1 75
Yellow. Citron-yellow	6	each	5c.	40	2 50
White. Clear, satiny white	6	3 for	10c.	25	1 50
Double Red, Yellow-bordered	9	3 for	10c.	25	1 25

BOTANICAL TULIPS

If ordered by mail, add 5 cts. per dozen or 30 cts. per 100 for postage

		Each	Doz.
Tulipa Billietiana. Yellow, gold-tipped, scarlet base		$0 05	$0 50
" **carinata.** Purple-red		05	50
" **cornuta stenopetala.** Red and yellow		06	65
" **Florentina odorata.** Yellow; violet-scented	per 100, $2	04	35
" **macrospeila.** Crimson	per 100, $2	04	35
" **Oculis-solis** (Cotton Tulip, or Sun's Eye). Vermilion with black eye		07	75
" **Persica.** Yellow; sweet-scented		08	80

MIXED TULIPS

Not less than 6 at dozen rate

For bedding. Planted in large masses, these make a magnificent show and, being inexpensive, should be largely used. Our special mixtures of Early Single and Early Double Tulips are made up of the finest bulbs and the brightest colors. If planted in large beds, they will produce an exceedingly beautiful and lively effect.

If ordered by mail, add 6 cts. per dozen or 35 cts. per 100 for postage

		Doz.	100	1,000
Fine Mixed, EARLY SINGLE, Thorburn's Special Mixture. Extra choice .3 for 10c.		$0 25	$1 25	$9 00
" " **EARLY DOUBLE, Thorburn's Special Mixture.** Extra choice .3 for 10c.		25	1 25	9 00
" " **Late Single** .3 for 10c.		25	1 35	10 00
" " **Bizarres** .3 for 10c.		25	1 50	12 00
" " **Bybloems** .3 for 10c.		25	1 25	9 00
" " **Parrot** .3 for 10c.		25	1 25	8 50
" " **Breeders,** or **Mother Tulips** .3 for 10c.		30	1 75	14 00
" " **Darwin.** Single; late; self-colored; mixed .3 for 10c.		30	1 75	14 00

CHOICE COLLECTIONS OF TULIPS, OUR SELECTION

No. 1. **One** each of the following **12 varieties Named Early Single Tulips** for house culture or bedding $0 35

Artus	**Cottage Maid**	**Keizerkroon**	**Pottebakker, White**
Belle Alliance	**Couleur Ponceau**	**La Reine**	**Rosa Mundi**
Chrysolora	**Duchesse de Parma**	**L'Immaculee**	**Wapen Van Leiden**

No. 2. **Two** each, same **12 varieties as in Collection No. 1** (24 named bulbs) $0 65

No. 3. **Four** each, same **12 varieties as in Collection No. 1** (48 named bulbs) 1 20

No. 4. **Eight** each, same **12 varieties as in Collection No. 1** (96 named bulbs) 2 00

Narcissus

NARCISSUS

Narcissus are ready for delivery in September

Narcissus are among the most popular and largely grown of spring-flowering-bulbs, and deservedly, too. Their exquisite grace, beauty and charm of habit have been immortalized in the poetry of all times. No garden should be without them.

They are all of the easiest cultivation, thriving in almost any soil and situation, and they may be left alone for several years after once being planted. They do best, however, in a deep and somewhat stiff soil, and in a partially shaded position. They are well adapted for planting by the sides of streams, lakes or ponds, and in mixed flower or shrubbery borders. They are also suitable for naturalizing in the grass, by the side of woodland walks, or in open spaces between trees and shrubs.

For growing in pots they require about the same treatment as hyacinths, three or four bulbs in a 5-inch pot. Some of the varieties are grown in large numbers by florists for winter cut-flowers. With the exception of the Polyanthus section, they are all perfectly hardy.

SINGLE NARCISSUS, or DAFFODILS

If ordered by mail, add 12 cts. per dozen or 45 cts. per 100 for postage

Ard Righ (Irish King). Magnificent golden-yellow trumpet; very large and graceful. One of the earliest and finest for forcing. 8 cts. each, 75 cts. per doz., $4.50 per 100.

Barrii Conspicuus. Lovely shape; broad sulphur petals, heavily stained orange-scarlet. Very long-stemmed and graceful. Fine for cutting. 5 cts. each, 30 cts. per doz., $1.75 per 100.

	Each	Doz.	100
Bicolor Horsfieldii. "Queen of Daffodils." Rich golden trumpet; pure white and well-expanded perianth; a magnificent flower. Fine forcer	$0 05	$0 35	$2 00
Bicolor Empress. One of the largest and most beautiful; white perianth and rich golden yellow trumpet. An excellent forcer	06	40	2 50
Bicolor Victoria. Yellow trumpet; creamy white perianth. Fine for pots	06	40	2 50
Bicolor Grandee. Extra-large flower, yellow trumpet, white perianth; dwarf	05	30	1 75
Biflorus. White; two or three on a stem. For planting in grass or wood walks	05	30	1 75
Bulbocodium (Hoop Petticoat). Rich golden yellow; for forcing	08	75	5 00
Bulbocodium citrinus. Citron-yellow	07	70	4 25
Emperor. Flowers of great size and substance; primrose petals, rich, lustrous yellow trumpets; strong, stately habit; splendid for cutting	06	40	2 50
Golden Spur. Distinguished by its enormous flower, wide trumpet and rich golden color; very early and fine for forcing or outdoors	06	40	2 50
Henry Irving. Large; golden yellow. One of the best for cutting	06	40	2 50
Incomparabilis. Single; yellow; early. Fine for cutting	3 for 10c.	25	1 25
" **Cynosure.** Bright orange cup; large, white perianth; early	3 for 10c.	25	1 25
" **Sir Watkin** (Giant Welsh Chalice Flower). Golden crown; primrose perianth. Largest of all, sometimes over 5 in. across. First size	06	50	3 00
" **Stella.** White, with orange cup	3 for 10c.	25	1 25
Leedsii. Pure white, star-shaped, sweet-scented flowers. Fine for cutting	3 for 10c.	25	1 25
" **Duchesse de Brabant.** White perianth, lemon cup. Good for forcing;	3 for 10c.	25	1 25
" **Mrs. Langtry.** White perianth; large, white cup, edged yellow; fine	3 for 10c.	25	1 25
" **Queen of England.** Large, pure white perianth; lemon cup	3 for 10c.	25	1 25
Obvallaris (Tenby Daffodil). Early; yellow; large. Fine forcer	06	40	2 50
Poeticus (Pheasant's Eye). Pure white, with red cup. Fine for cutting	2 for 5c.	20	1 00
Poeticus ornatus. Extra-size bulbs. Same color as Poeticus, but with larger flowers; one of the most valuable for cut-flowers; very early, of great substance and beauty	3 for 10c.	25	1 20
Princeps. Sulphur-yellow perianth and deep yellow trumpet; long, handsome flower. Valuable for forcing or outdoor culture. A splendid variety	3 for 10c.	25	1 25

Six of a kind at dozen rate, 50 of a kind at 100 rate

SINGLE NARCISSUS, OR DAFFODILS, continued

	Each	Doz.	100
Single Van Sion. Yellow	$0 05	$0 35	$2 25
Tenuior (Silver Jonquil). Handsome dwarf variety; sulphur-white	07	60	3 50
Trumpet Major. Large; early; deep golden yellow. Earliest for forcing	05	30	1 75
Mixed Trumpet Sorts	3 for 10c.	25	1 25
Mixed Early Single Sorts	2 for 5c.	20	1 00

Six of a kind at dozen rate, 50 of a kind at 100 rate

PAPER WHITE NARCISSUS

	Each	Doz.	100
Grandiflorus, Large-flowering. Very early and largely forced for cut-flowers. Beautiful clusters of large, pure white flowers	$0 05	$0 35	$2 00
Grandiflorus multiflorus. Very large and free-flowering	06	40	2 50

DOUBLE NARCISSUS, or DAFFODILS

Albus plenus odoratus. Double, pure white; very sweet-scented; for outdoors.	3 for 10c.	25	1 25
Incomparabilis (Butter and Eggs). Lemon and orange. Fine for forcing or outdoors	05	30	1 75
Orange Phœnix (Eggs and Bacon). Very large, double, white and orange flower of great beauty. One of the handsomest; splendid for pot culture	05	30	1 75
Sulphur Crown, or **Silver Phœnix.** Most beautiful, pure white; very double	06	40	2 50
Tazetta (Roman). Very early; double yellow. For forcing and pot culture only	05	35	2 00
VAN SION. The largest double yellow trumpet variety; extra fine for forcing, and most largely grown by florists for winter cut-flowers. Our bulbs are Dutch-grown, of the pure golden yellow variety and of the largest size	per 1,000, $17.	05	35	2 25
VAN SION, DOUBLE-NOSED BULBS	per 1,000, $24.	07	60	3 50

POLYANTHUS NARCISSUS

Invaluable for forcing. All very early; flowers exceedingly fragrant; may be grown in glasses or pots. If planted in open borders, must be protected over winter by a covering of litter.

If wanted by mail, add 20 cts. per dozen for postage

	Each	Doz.	100
Bazelman Major. Broad white perianth, deep yellow cup; largest of all	$0 08	$0 75	$5 00
Bathurst. Yellow	07	60	3 50
Gloriosa. White perianth, deep orange cup; very striking	07	60	3 50
Grand Monarque. White, with yellow cup; very large flower; vigorous grower	06	40	2 50
Grand Soleil d'Or. Yellow, with orange cup; very free-blooming	06	50	3 00
Grand Primo. White, lemon cup	06	40	2 50
Jaune Supreme. Primrose, orange cup	07	65	4 00
Muzart Orientalis. White, orange cup	07	60	3 50
Newton. A pure yellow variety, with orange cup; extra fine	07	60	3 50
Queen Victoria. White, with yellow cup; large, handsome flower	07	60	3 50
Staten General. White, with primrose-yellow cup; free bloomer	06	40	2 50
White Pearl. Perianth pure white, cup primrose; fine for cutting	07	60	3 50
Mixed Sorts	05	35	2 00

JONQUILS

Six of a kind at dozen rate, 50 of a kind at 100 rate

A class related to the Narcissus, and suitable alike for pot culture or planting out. Culture same as for Hyacinths.

If ordered by mail, add 6 cts. per dozen or 35 cts. per 100 for postage

	Each	Doz.	100
Single Yellow Sweet-scented 2 for 5 cts., $6.50 per 1,000		$0 20	$0 80
Large Single (Campernelle), Yellow 2 for 5 cts., $7 per 1,000		20	1 00
Odorus rugulosus. An improved Campernelle; deep yellow, large, crinkled flowers; fragrant 3 for 10c.		25	1 25
Large Double. Deep golden yellow, very double, delightfully fragrant; fine for forcing	06	40	2 50
Silver Jonquil (*Narcissus tenuior*)	07	60	3 50

Jonquils

LILIES

For stateliness of habit, beauty of form and variety of coloring, the Lily is without a rival among bulbous plants. Many of the species are delightfully fragrant. Though they may nearly all be called hardy, it is well to protect them against frost in winter by a covering of ashes or litter. They are easily grown and require little care. With the exception of *L. candidum* and *L. tigrinum*, which prefer a deep, rich loam, they all do best in a light, well-drained soil. Some peat or leaf-mold may be used to advantage. *L. auratum* cannot bear manure but thrives in ordinary light soil. They all prefer a partial shade, and the taller sorts must have protection from high winds. Many of the stronger-growing kinds are well adapted for planting among shrubs. Most of them make splendid conservatory plants. For pot culture, a compost of loam and peat in equal parts, with the addition of some sand, is recommended.

Lilium Harrisii and Lilium candidum ready in August; others not until November.

Lilium Harrisii

LILIUM HARRISII (Bermuda Easter Lily)

BULBS NOW READY

The Bermuda Easter Lily is perhaps the finest and most popular of winter-blooming plants. The large, handsome, pure white, trumpet-shaped flowers are very sweet-scented and of great substance, lasting a long time after cutting. Its stately and graceful habit renders it a perfect pot-plant for table or window decoration. It gets its popular name from the fact that it is so largely used for church decoration at Easter. It is easily grown and can be forced into flower in a remarkably short time. It requires rich soil but without manure. It is also well adapted to garden culture, but in this latitude the bulbs should have a good covering of ashes or litter to protect them over winter.

If ordered by mail, add from 10 to 20 cents per dozen for postage, according to size

	Each	Doz.	100
5 to 7 inches in circumference	$0 10	$0 90	$6 50
6 to 7 inches in circumference	15	1 25	8 50
7 to 9 inches in circumference	20	1 75	12 00
9 to 11 inches in circumference	40	4 00	28 00

LILIUM LONGIFLORUM (White Trumpet Lily)

If ordered by mail, add 3 to 5 cents each for postage

This is among the most beautiful and valuable of garden Lilies. It grows from 1 to 4 feet high, and bears many trumpet-shaped, sweetly scented, waxy white flowers of great substance. A well-drained, light loam enriched with leaf-mold suits it best.

	Each	Doz.	100
6 to 8 inches in circumference	$0 08	$0 75	$4 50
7 to 9 inches in circumference	12	1 00	7 00
8 to 10 inches in circumference	15	1 50	10 00
Formosum. Pure white flowers, larger than those of *L. Harrisii*. Grows from 2½ to 4 ft. high.			
7 to 9 inches in circumference	15	1 50	10 00
9 to 10 inches in circumference	20	2 00	13 00
Multiflorum. 6 to 8 inches in circumference	09	80	5 00
7 to 9 inches in circumference	12	1 10	7 50
8 to 10 inches in circumference	15	1 50	10 00
Multiflorum giganteum. 6 to 8 inches in circumference	10	85	6 00
7 to 9 inches in circumference	15	1 40	9 00
9 to 10 inches in circumference	20	2 00	14 00

Mr. Chas. H. Beckwith, of New Jersey, writes under date of February 12, 1912: "I am pleased to say the bulbs I bought of you gave me the best of satisfaction."

BEAUTIFUL JAPAN LILIES

Postage on these varieties from 2 to 10 cents each, according to size

These do not generally arrive until November and December. We import our supply direct from Japan every year. Every garden should have some of these most beautiful and easily grown Lilies.

Auratum (Gold-banded Lily). The grandest of all hardy Lilies, 3 to 6 feet high; flowers white, spotted maroon, having a bright yellow band through the center of each petal. 8 to 9 inches in circumference. 15 cts. each, $1.40 per doz., $9 per 100. 9 to 11 inches in circumference, 20 cts. each. $2 per doz., $14 per 100. 11 to 13 inches in circumference, 30 cts. each, $3 per doz., $20 per 100.

Auratum rubro - vittatum. Enormous flowers, sometimes measuring 10 inches across; pure white, beautifully spotted and with a deep crimson stripe through center of each petal; very fragrant. 8 to 9 inches. 65 cts. each, $6.50 per doz.

Auratum pictum. Flowers like those of the common Auratum, with yellow band through each petal. It is beautifully spotted with rich crimson. 8 to 10 inches. 40 cts. each, $4 per doz.

Speciosum album Krætzeri. Beautiful, pure white flowers of large size; 2 to 4 feet high; one of the handsomest and easiest grown Lilies we have. 8 to 9 inches, 20 each, $1.75 per doz., $12 per 100. 9 to 11 inches, 30 cts each, $2.75 per doz., $18 per 100.

Lilium auratum

	Each	Doz.	100
Speciosum rubrum Melpomene. Very dark crimson-spotted flowers of large size and striking appearance; 2 to 4 feet high. 8 to 9 inches	$0 12	$1 10	$7 00
9 to 11 inches	20	1 75	12 00
11 to 13 inches	25	2 50	
Batemanni. Richly colored, unspotted flowers of bright apricot tint; a most beautiful variety; 3 to 4 feet high	25	2 25	
Krameri. White, slightly tinged with red; sweet-scented	25	2 25	
Leichtlinii. Orange-red, with crimson spots; 2 to 3 feet high	25	2 50	

Lilium candidum

VARIOUS LILIES

Postage on these varieties 2 to 10 cents each, according to size

	Each	Doz.
Bloomerianum. Orange, spotted dark maroon, with a crimson circle around each spot	$0 40	$4 00
Bolanderi. Bell-shaped, deep crimson flowers, dotted with purple. Grows 1 to 3 feet high. Rare	60	6 00
Brownii. Most beautiful flowers of immense size; inside creamy white, outside shaded chocolate-purple; a splendid pot-plant; 2½ to 3½ feet high	50	5 00
Canadense. Native "Meadow Lily." Graceful, drooping, bright yellow flowers, spotted red; 1½ to 3 feet high	10	1 00
Canadense rubrum. Red flowers	12	1 25
Candidum (Madonna Lily). (St. Joseph's Lily.) The common garden Lily. Large, pure white, very sweet-scented flowers; valuable for forcing; 2 to 3 feet high. $8 per 100	12	1 25
Chalcedonicum (Turk's cap). Scarlet	20	2 00

Lilium Washingtonianum

VARIOUS LILIES, continued

	Each	Doz.
Colchicum (*Monadelphum*). Citron; black spots; a splendid Lily; 2 feet high	$0 40	$4 00
Columbianum (Oregon Lily). Orange flowers, dotted maroon; fragrant	50	5 00
Excelsum (*Testaceum*). Lovely cream-colored flowers, tinged with apricot; very fragrant; 5 feet high	40	4 00
Giganteum. A magnificent species, growing 6 to 10 feet high, and bearing many large, funnel-shaped flowers 5 to 6 inches long; color white, with purple throat. **Extra-large bulbs**	3 00	
Henryi (Orange-yellow Speciosum). Very tall-growing variety; deep orange-yellow flowers, growing in great profusion when the plants are well established	60	6 00
Kelloggii. Three to 4 feet high, with a slender stem and from three to fifteen flowers with pink revolute petals; very fragrant. Rare	50	5 00
Maritimum. Dark red, funnel-shaped flowers; beautiful	50	5 00
Martagon. Purple; 2 to 3 feet	20	2 00
Pardalinum Hybrids (Leopard-spotted Lily). Colors vary from clear orange to orange with crimson tips, and all spotted	30	3 00
Parryi. Large, pale yellow flowers; very rare	75	7 50
Parvum. Orange-yellow, spotted purple; 2 feet high	55	5 50
Philadelphicum. Bright orange-red, with black spots; 2 feet high	12	1 25
Rœzlii. Brilliant orange-red flowers, spotted dark purple, and with the petals reflexed to the base	50	5 00
Superbum (Turk's Cap Lily). Deep orange-red, thickly spotted; 4 feet	10	1 00
Tenuifolium (Siberian Coral Lily). Rich scarlet; 1½ feet	12	1 25
Thompsonianum. Rose	30	3 00
Thunbergianum biligulatum	15	1 50
Thunbergianum atrosanguineum (*Fulgens*). Deep red	30	3 00
Thunbergianum Kikak. Apricot-yellow, spotted black; 3 feet.	15	1 50
Thunbergianum, Prince of Orange. Orange-yellow; 1 foot	25	2 50
Thunbergianum, Van Houttei	30	3 00
Tigrinum (Tiger Lily). Orange-salmon, spotted black. $3 per 100	07	60
Tigrinum splendens. Rich scarlet, with black spots; large roots. $5 per 100	08	80
Tigrinum flore-pleno (Double Tiger Lily). Bright orange-red, black spots. $5 per 100	08	80

Umbellatum erectum. Dark red and orange. 12 cts. each, $1.25 per doz.

Umbellatum grandiflorum. Orange-red. 12 cts. each, $1.25 per doz.

Umbellatum, Mixed. 10 cts. each, $1 per doz.

Wallacei. Orange-red, with maroon spots; late-flowering. 15 cts. each, $1.50 per doz.

Washingtonianum. A lovely native variety of very stately habit; large, trumpet-shaped flowers, pure white, tinged purple or lilac; very fragrant; 4 to 7 feet high. 8- to 9-in. bulbs. 40 cts. each, $4 per doz.

LILY-OF-THE-VALLEY

(*Convallaria majalis*)

READY IN NOVEMBER AND DECEMBER

One of the most beautiful and admired spring-flowering plants, and universally sought for its neat and chaste outline and delicate odor. The growth is close, dwarf and compact, and the plant is hardy and permanent. It is now a most popular plant for forcing, which is easily done by planting the pips in pots, from 6 to 12 in each, watering freely keeping in a cold cellar, and starting from week to week, to keep up a succession. They generally flower in three or four weeks after planting. They require a considerable amount of heat to start them. They may also be planted in moss fiber in vases.

Clumps. Fine large clumps, with many flowering pips on each. Fine for planting outside in shaded positions and for naturalizing by the side of streams or wood walks. 30 cts. each, $3 per doz., $20 per 100.

Pips for Forcing. 50 cts. per bundle of 25, $1.65 per 100, $14 per 1,000.

Above prices do not include cost of transportation

Lily-of-the-Valley

Amaryllis

CHINESE SACRED LILY

(The Water Fairy Flower)

READY IN SEPTEMBER

If ordered by mail, add 5 cts. each or 25 cts. per dozen for postage

A variety of the Polyanthus Narcissus, imported from China. The bulbs should be placed from three to six in a bowl or glass dish of water which has been partly filled with pebbles, some of which place over the bulbs so as to prevent them from floating. The water should be tepid and changed every two days. Submerge the bulbs entirely and place in a sunny window in a cool room. **10 cts. each, $1 per doz.**

AMARYLLIS READY IN OCTOBER

Cost of transportation not included in prices quoted

Extremely ornamental greenhouse plants, with large, fragrant, beautifully colored flowers. The most suitable soil is good loam, with one-fourth part of leaf-mold, or pulverized manure, and some sand. Good drainage is very important. The growing season is from early spring until about September, when the plants should be kept cool and allowed to rest until February. They require plenty of sunshine, but in the flowering season a light shading tends to preserve the blossoms longer. Frequent disturbance of the roots is to be avoided. Established bulbs in large pots should have a top-dressing each year when starting, and manure-water during the growing season.

	Each	Doz.
Belladonna major. Violet and white; flowers in large umbels; fragrant	$0 20	$2 00
Josephine (Gigantea). Very fine scarlet; flowering in immense umbels; these are extra-sized bulbs	5 00	
Lutea (Sternbergia). Hardy, autumn-flowering; bright yellow, crocus-like flowers	per 100, $5	12 1 00
Hippeastrum Johnsonii (Spice Lily). Beautiful flowers; crimson, striped white; large bulbs		65 6 50
" **Mixed Hybrids**		60 6 00
" **Empress of India Seedlings**		70 7 00
Vallota purpurea (Scarborough Lily)		30 3 00

ANEMONE, or WINDFLOWER

Very ornamental hardy perennials, producing beautifully colored flowers in spring and summer. They do best in rich soil and in a sheltered and well-drained position. Plant in autumn. May also be grown in pots or forced in frames for early flowers.

If ordered by mail, add 15 cts. per 100 for postage

CORONARIA, or POPPY-FLOWERED ANEMONE

READY IN SEPTEMBER

	Each	Doz.	100
Caen Mixed (The Giant French or Poppy-flowered Anemone). Finest colors 2 for 5c.		$0 20	$1 25
St. Brigid. Semi-double; gracefully incurved flowers	$0 05	50	3 00
Blue, Incomparable. Double	05	35	2 25
" **Double Mixed** 3 for 10c.		30	2 00
" **Single.** Light colors 3 for 10c.		30	2 00
Scarlet Feu Superbe. Bright; double	05	50	3 00
" **Double Mixed**	05	50	3 00
" **Single Mixed** 3 for 10c.		25	1 50
White Ceres. Double; tinted rose	05	40	2 50
" **The Bride.** Single; pure white 2 for 5c.		20	1 25
Rose, Rosette. Double rose; extra large	05	40	2 50
" **Rose de Nice.** Double	05	40	2 50
Double. Mixed colors 3 for 10c.		25	1 50
Single. Mixed colors 2 for 5c.		20	1 00

ANEMONE SPECIES

READY IN NOVEMBER

If ordered by mail add 15 cts. per 100 for postage

	Each	Doz.	100
Apennina, Blue. Very charming clear blue, star-shaped flowers; excellent for naturalizing; early flowering 3 for 10c.		$0 30	$1 75
Apennina, White 3 for 10c.		30	1 75
Fulgens. Scarlet; flowers very early in the spring. It does best in a good loam and in a moist situation. A fine pot-plant for house decoration	$0 05	50	3 00
Japonica alba. Large, pure white; invaluable for cutting	$0 05	$0 40	$2 50
Japonica rosea. Large; rosy carmine	05	40	2 50
Japonica, Whirlwind. Bears in profusion large, semi-double, pure white flowers of great substance. Splendid for cut-flowers	05	40	2 50
Sylvestris (Snowdrop Windflower). Beautiful, pure white.	08	65	4 50

Anemone Japonica

Double Begonia

Begonia grandiflora

TUBEROUS-ROOTED

READY IN NOVEMBER AND DECEMBER

If wanted by mail, add 5 cts. per dozen or 30 cts. per 100 for postage

Splendid pot-plants for the house or greenhouse and especially valuable for bedding, flowering in the greatest profusion throughout the summer. For bedding they should be started in a hotbed in March and April. The hollow end of the bulb should be up and but slightly covered. They should get very little water until the plants are growing.

		Each	Doz.	100
Single	**Scarlet**	$0 05	$0 40	$2 50
"	**Rose**	05	40	2 50
"	**White**	05	40	2 50
"	**Yellow**	05	40	2 50
"	**Mixed**	05	40	2 50
Double	**White**	07	60	3 50
"	**Yellow**	07	60	3 50
"	**Crimson**	07	60	3 50
"	**Rose**	07	60	3 50
"	**Mixed**	07	60	3 50

BEGONIA CRISPA. Single, Fringed

These Begonias have beautifully shaped, gracefully frilled and crested flowers borne above the foliage on long and erect stems. A fine strain with a great future. **Red, Rose, White, Yellow, Orange** and **Salmon.** 8 cts. each, 75 cts. per doz., $5 per 100.

BRODIAEA **READY IN SEPTEMBER**

If wanted by mail, add 3 cts. per dozen or 15 cts. per 100 for postage

Pretty bulbous plants from the Pacific coast. They have narrow, grassy leaves, slender stems and umbels of lily-like flowers. For forcing or outdoor culture. Do best in rich, sandy loam. If grown in pots, a compost of loam, leaf-mold and sand is best. All are hardy except Coccinea, which should have some protection and partial shade.

	Each	Doz.	100
Coccinea (Floral Fire Cracker). Rich blood-crimson, tipped white	$0 07	$0 60	$3 50
Congesta. Tall growing; purple flowers	05	35	2 00
Grandiflora. Deep purple flowers; large and showy	05	40	2 50
Lactea. White, with green stripes	05	40	2 50
Peduncularis. Porcelain-white flowers in immense umbels	07	60	3 50

CALOCHORTUS (Mariposa Lily, or Butterfly Tulip)

READY IN SEPTEMBER

If wanted by mail, add 3 cts. per dozen or 15 cts. per 100 for postage

Very handsome bulbous plants from California. They are remarkable for the brilliancy and variety of their coloring, and their gracefulness of habit. They grow freely in light, sandy loam. Though hardy, they should be protected during winter with litter. They may also be successfully grown in frames and pots.

	Each	Doz.	100
Albus. Pearly white; rich blotch	$0 05	$0 40	$2 50
Amabilis. Very pretty golden yellow	05	40	2 50
Amœnus. Soft rose-pink	10	1 00	6 50
Benthami. Yellow, black spots	05	40	2 50
Lilacinus. Large, finely formed lilac flowers	05	40	2 50
Maweanus major. White ground, open cup filled with fine blue hairs	05	40	2 50
Nitidus. Lilac with large indigo blotch in middle of petal	07	60	3 50
Pulchellus (true). Fine; light yellow	10	1 00	6 50
Splendens, type. Lilac	07	65	4 50
Venustus oculatus. Creamy white flowers, varying to sulphur and purplish tints	05	40	2 50
" var. **Citrinus.** Deep, rich lemon, with vivid dark maroon eyes	05	40	2 50
Mixed **Mariposa Tulips**	05	40	2 50
" **Star Tulips**	05	40	2 50
" **Globe Tulips**	05	40	2 50
" **Eldorado Tulips**	07	60	3 50

CROCUS

For pots and borders. A universal favorite, being one of the earliest flowers seen in the spring. They are neat, dwarf and compact in growth, and the blooms are of bright colors. If planted closely—say 2 inches apart—and 3 inches deep, they make a very pretty display immediately after the snow goes off in the spring. Do not disturb for several years. Should be largely planted in the grass on lawns. They will flower very early in spring before mowing. The effect is beautiful. For flowering in pots, baskets, etc., they should be plunged in the open ground for three weeks after planting, precisely in the same manner as directed for hyacinths.

Crocus

CROCUS, continued

If wanted by mail, add 3 cts. per dozen or 15 cts. per 100 for postage

Not less than one dozen of a sort sold

	Doz.	100	1,000
White	$0 12	$0 65	$5 00
Blue and Purple Mixed	12	65	5 00
Striped and Variegated	12	65	5 00
Yellow	15	75	6 00
Mammoth Yellow	25	1 25	10 00
Large Scotch. White, with purple stripes	20	1 10	8 50
Cloth of Gold. Golden yellow, striped brown	15	85	7 00
Cloth of Silver. Light blue, striped	20	1 10	8 50
Mixed Colors	12	65	5 00

HYBRID NAMED CROCUS

Remarkable for richness of color and immense size. These varieties are best for forming letters or designs on lawns, for which purpose they may be planted without disturbing the grass, by the use of a dibble or narrow trowel. Flowers are produced very early, and mowing later on will not seriously injure the bulbs.

If wanted by mail, add 5 cts. per dozen or 25 cts. per 100 for postage

	Doz.	100	1,000
Caroline Chisholm. Pure white.	$0 20	$1 10	$9 00
David Rizzio. Purple	20	1 10	9 00
King of the Blues. Very large	20	1 10	9 00
Mad. Mina. Violet and white	20	1 10	9 00
Mont Blanc. White; free bloomer; fine for bedding	20	1 10	9 00
Non Plus Ultra. Blue, edged white	20	1 10	9 00
President Lincoln. Large; purple; early	20	1 10	9 00
Queen Victoria. White	20	1 10	9 00
Sir Walter Scott. Violet-white	20	1 10	9 00

Not less than one dozen of a kind at dozen rate

CROWN IMPERIALS (*Fritillaria imperialis*)

A stately growing plant, with dark green foliage and flowers of all intermediate shades between yellow and crimson; effective for centers of beds; hardy and permanent, and not so generally planted as they should be. Their flowers are produced quite early in spring and are very ornamental and decorative in the center of a bed of other bulbous plants. The old, dull red variety, while handsome, does not give anything like the effect that the newer sorts do. The double varieties are especially conspicuous and desirable in every respect. They are all the better for being planted in good, rich, well-drained soil; the flowers will be larger and of finer coloring, as well as more enduring.

READY IN SEPTEMBER

If ordered by mail, add 3 cts. each for postage

	Each	Doz.
Aurora. Red	$0 20	$2 00
Crown on Crown. Red	20	2 00
Single Red	15	1 50
Single Yellow	25	2 50
Gold-striped-leaved. Crimson flower; variegated foliage	35	3 50
Silver-striped-leaved	35	3 50
Large Double Red	75	7 50
Large Double Yellow	75	7 50
Maximus, Red	25	2 50
Fine Mixed Varieties per 100, $8	15	1 25

Crown Imperial

CRINUM

Splendid large-flowering bulbs, closely allied to the amaryllis. The most suitable soil is a compost of turfy loam, cow-manure and some sand. They should be grown in large pots or tubs, about three-fourths of the bulb being out of the soil. In late fall they should be removed to a cool house and allowed to rest until new leaves begin to appear in February. The bulbs should receive a top-dressing each year when starting, and manure-water

CRINUM, continued

during the growing season. They may be placed outside when warm weather begins, and will flower all through the summer, making splendid lawn or veranda plants.

Giganteum, Giant White. Immense bulbs; large white flowers; bloom all summer; very fragrant. Each
Water plentifully while growing $2 00
Amabile, Giant Pink. Extra-large, bright pink, with white stripe; splendid flower; enormous bulb. This and the Giant White are unsurpassed for growing in tubs, blooming profusely outside all summer.. 2 00
Kirki. Large umbels of beautiful, pure white flowers, with purple stripe in center of each petal..... 75
Powelli. It produces long stems, bearing at the top five to eight large, dark rose, bell-shaped flowers 3 to 4 inches long..... 30
Powelli album. Pure white..... 50

Above prices do not include transportation charges

Cyclamen

CYCLAMEN

MOST OF THEM READY IN NOVEMBER

If wanted by mail, add 8 cts. per dozen for postage

When well grown, it is difficult to find a more useful plant than this for greenhouse, room and window decorations. The various species produce flowers varying from deep red to pure white and of much elegance of form in flower and plant. The soil best suited to them is a fresh, turfy loam, with a fourth to a fifth of well-rotted horse manure, to which add some clean sand if the soil is heavy. Plant so as to leave the top of the bulb just below the surface. (We offer seed of our superb strain of *C. giganteum* at the end of this catalogue.)

	Each	Doz.
Coum. Crimson; round-leaved	$0 15	$1 50
Europæum roseum. Very showy, rosy red; hardy	15	1 50
Giganteum, Rose	20	2 00
" **Dark Crimson**	20	2 00
" **White "Mont Blanc"**	20	2 00
" **Mixed**	20	1 75
Hederæfolium album (Neapolitanum.) *Ivy-leaved Cyclamen.* Autumn flowering; quite hardy in sheltered situations	15	1 50
Repandum. Rosy red with purple eye	15	1 50

ERYTHRONIUM (Dog's-Tooth Violets)

READY IN SEPTEMBER

If wanted by mail, add 3 cts. per dozen or 15 cts. per 100 for postage

Very ornamental, hardy, bulbous plants of neat and dwarf habit. They succeed in almost any light soil, but prefer a mixture of loam and peat. They should be planted in groups, and do well in a sheltered position on rockeries, or in mixed flower or shrubbery borders.

	Each	Doz.	100
Americanum. Bright yellow flowers; mottled leaves; segments recurved	$0 10	$0 75	$5 00
Californicum. Cream-yellow, with maroon band at base; leaves very richly mottled	05	40	2 50
Californicum, White Beauty. Flowers almost pure white. Leaves richly mottled	08	65	4 50
Giganteum (Giant Dog's-Tooth Violet). Large, straw-colored flowers, with orange centers, borne on long, slender stems. Foliage richly mottled; elegant habit; attractive pot-plant	08	65	4 50
Citrinum. Leaves mottled; flowers yellow	08	65	4 50
Grandiflorum robustum. Yellow	08	65	4 50
Hartwegii. Pretty yellow flowers, each on a separate stalk; good for pots	05	40	2 50
Dens-canis (Dog's-Tooth Violet). Mixed; leaves blotched brown and white, 2 for 5 cts.		20	1 00

Erythronium

EREMURUS READY IN SEPTEMBER

Noble bulbous plants from northern India. They thrive admirably in deep, rich sandy loam with the addition of well-decayed cow manure. They need plenty of water in the flowering period, but require good drainage. When well established they should not be disturbed, as the roots are extremely brittle. The surface soil above the roots should be kept clean by hand weeding and enriched by occasional applications of old manure, leaf-mold and a little sand well mixed. Autumn planting is desirable, and the crown should be covered with a mound of ashes over winter, or with a box with a water-tight top and filled with dry leaves. Protect the stems from frost when coming into flower in spring.

Himalaicus. Beautiful white flowers on racemes 4 to 8 feet high. Blooms in May and June. 80 cts. each.

Robustus. Rosy lilac flowers on racemes 6 to 10 feet high, flowering in June. 75 cts. each.

FREESIA

If wanted by mail, add 3 cts. per dozen or 15 cts. per 100 for postage

The justly popular Freesias are greatly prized for the delightful fragrance of their delicately colored flowers, which, when cut, will remain in good condition for a long time in water. They are easily grown or forced in good loamy soil, with an admixture of leaf-mold and sand, in a frame or greenhouse, and are excellent for window culture in winter. For the information of all not acquainted with these bulbs, we may say that they are quite small, but produce large blooms in comparison to their size.

	Doz.	100	1,000
Freesia refracta alba. The body of the flower is pure white, with lower segments spotted lemon-yellow. Their fragrance is remarkable and very lasting.			
First-size Bulbs	$0 25	$1 50	$12 00
Second-size Bulbs	20	1 25	9 00
Freesia, "Purity." Magnificent, glistening pure white flowers of large size, borne on strong, lengthy stems, each truss bearing eight to ten buds, five to six of which are frequently open at the same time	55	3 00	22 00
Freesia refracta, Red	25	1 50	12 00
Freesia Leichtlinii major. Creamy white, shading to yellow, with orange blotch; distinct	40	2 50	

Freesia refracta alba

FRITILLARIA

READY IN SEPTEMBER

If wanted by mail, add 3 cts. per dozen or 15 cts. per 100 for postage

Graceful, hardy, spring-flowering, bulbous plants, thriving in good, rich, well-drained soil. They are effective in mixed flower borders, and they also make excellent pot-plants.

	Each	Doz.	100
Coccinea. Narrow, tubular flowers of a deep, glowing red color	$0 10	$0 90	$6 00
Lilacea. Flowers white; easily grown	10	1 00	6 50
Persica. Purplish brown; handsome	20	1 75	12 00
Meleagris (Guinea-fowl Flower). Mixed colors	3 for 10c.	20	1 25

Fritillaria imperialis. See Crown Imperials, page 17.

GLADIOLUS **READY IN NOVEMBER**

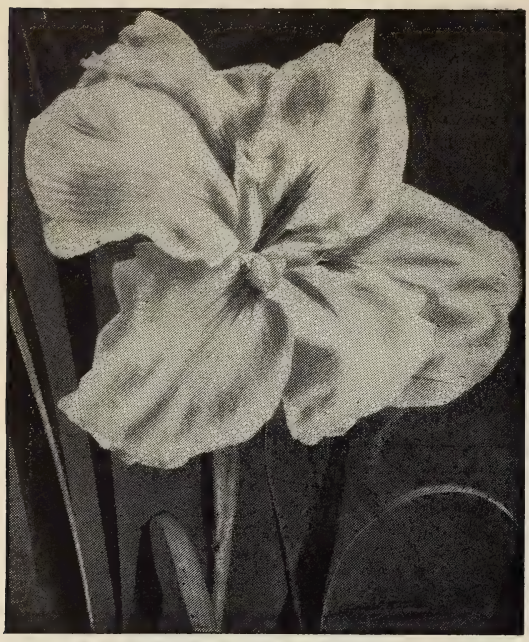
If wanted by mail, add 5 cts. per dozen or 30 cts. per 100 for postage

The following varieties are the sorts generally to be had at this season of the year, and they are usually planted in pots in autumn, and require to be kept in a warm room or greenhouse, except Byzantinus, which is hardy, and may be planted out; it is best, however, to give it slight protection. Some varieties are successfully forced.

The French Hybrids, for spring planting, will be in by November. These form a family of bulbs of rare beauty. Every year is adding varieties of most exquisite tint and shade; and, from the time of year during which these bloom, and the long continuance of their flowers in perfection, they become one of the greatest ornaments of the garden at a season when flowers of vivid tints are scarce. They are valuable for bedding.

Named varieties will be found in our General Catalogue, published January 1.

	Each	Doz.	100
Cardinalis, Blushing Bride Beautiful ivory-white, with crimson flakes	3 for 10c.	$0 25	$1 25
" **Ackermanni.** Salmon-orange with white blotch	3 for 10c.	25	1 25
" **Crimson Queen.** Deep crimson	$0 05	35	2 00
" **Peach Blossom.** Beautiful rose	05	35	2 00
" **Mixed**	2 for 5c.	20	1 00
Colvillei. Purple-striped	3 for 10c.	25	1 25
" **alba, "THE BRIDE."** White; for forcing	3 for 10c.	25	1 25
" **rosea.** Pink (true)	3 for 10c.	25	1 25
PRIMULINUS. Very rare species from Victoria Falls, South Africa; grows 3 to 4 feet tall and is very vigorous. The flowers are of good size and are a clear primrose-yellow. Blooms late in July. Genuine stock	30	3 00	20 00
PRIMULINUS HYBRIDS. Hybrids of the above, with many related species and choice garden varieties. Extremely vigorous and healthy growers, blooming in July and August. Grow 3 to 5 feet high, with long spikes of richly colored blooms, varying in color from clear yellow to crimson, the latter with large soft orange or golden throats	15	1 25	9 00
Ramosus, Ne Plus Ultra. Crimson and white blotch	06	55	3 50
" **Prince Albert.** Rosy; free-blooming	07	60	4 00
" **Queen Victoria.** Salmon-scarlet, feathered pure white	09	80	5 50
" **In Mixture**	06	50	3 00
Mixed Lemoines	05	35	2 00



Large-flowered Japan Iris

GLOXINIAS

READY IN NOVEMBER

If wanted by mail, add 8 cts. per dozen for postage

Gloxinias are among the most beautiful of greenhouse plants, being remarkable for the intensity and variety of their colorings and the exquisite manner in which they are often blotched, mottled, penciled and blended. The plants are extremely floriferous, and, by making successive pottings, they may be had in bloom the greater part of the year. They thrive best in a soil composed of leaf-mold and peat in equal parts, with a little sand added. When growing, plenty of water should be supplied, but it should always be tepid. The bulbs we offer are large, and of erect-flowering strain:

Crassifolia erecta—	Each	Doz.	100
Red.....3 for 20c...	$0 08	$0 65	$4 50
White.....3 for 20c...	08	65	4 50
Blue.....3 for 20c...	08	65	4 50
Spotted.....3 for 20c...	08	65	4 50
Mixed.....3 for 20c...	08	65	4 50

IRIS (Fleur-de-lis)

READY IN OCTOBER AND NOVEMBER

Except Japan Iris which will not be ready until spring

Iris, the Greek name for the rainbow, was applied to this flower in allusion to the manner in which many beautiful colors are blended together. Irises are of easy culture. They do best in a light, rich, sandy soil, and in a sunny situation. With the exception of *Moræa Pavonia*, all varieties are hardy. Good drainage is important. The varieties of *Iris Kæmpferi*, from Japan, are remarkable for the beauty of their colors and their stateliness of habit. Some of these send up 10 or 12 flower-spikes 3 feet high, each bearing 2 to 4 enormous blossoms measuring 8 to 10 inches across. These require a liberal supply of water when growing.

SUPERB COLLECTION OF LARGE-FLOWERED JAPAN IRIS

(*Iris Kaempferi*)

READY IN SPRING

We are importing from Japan a large supply of the following twenty of the best of these magnificent Irises, which excel in size, perfection of form and richness of color. These are most valuable for cut-flowers and table decoration—as handsome as orchids. Flowers should be cut in the early morning or after sunset. The roots come in large clumps. *The descriptions given are those furnished us by the growers in Japan.*

25 cts. each, $2.50 per doz., $17 per 100. Transportation charges extra

Biwa-no-umi. White, feathered purple, sky-blue at edges, primrose blotches; large flower. 3 petals.

Boteki-no-Koe. Pure white, heavily veined lavender, with pale primrose blotches; standards wine-color, lighter toward edges, stigmas lavender; striking. 3 large petals.

Date-dogu. Rich claret-red, yellow blotches. 3 petals.

En-u-no-Sora. Rosy lavender petals, light purple toward the center, large primrose blotches; standards white, veined and edged claret-red. 3 petals. Large and distinct.

Gekka-no-nami (Waves under Moonlight). Dense, pure white with yellow blotches, petaloid stigmas creamy. 6 petals.

Hakubotan. Large; pure white, with light primrose blotches; full flower.

Ho-o-jo (**Ho-o-castle**). Ruby-crimson, primrose blotches, standards white and lavender.

Kagura-Jishi. Blush-white, radiating to bright claret-red on outer edge of petals. Light yellow blotches.

Osho-kun. Intense Tyrian blue with yellow blotches radiating to white; petaloid stigmas dark violet. 6 petals.

Ran. Royal-purple, edged lavender, with large primrose blotches; standards wine-red, white at bases. 6 petals. Large and distinct.

Sassa-no-Koe. White, veined wine-red and blotched yellow; standards lavender, running to purple at edges. 3 petals.

Shippo (Cloisonne). Rich Tyrian blue, edged purple and veined white, yellow blotches; standards white and wine-color. Large flowers.

Shiraito-no-Taki. Sky-blue, radiating to light purple at edges, large yellow blotches; standards white, pale blue and purple; distinct. 3 petals.

Shi-un. Rich purple, with large primrose blotches; large, full flower. 6 petals.

Sui-Ren. Very pale lavender, darker at edges, with yellow blotches. 6 petals.

Taki-no-shiose. Large flower; pure white, with primrose blotches. 6 petals.

Tatsuta-Gawa. Blush-white, radiating to claret-red at edges; primrose blotches. 3 petals.

Yamato-Nishiki. Pale lavender, running to purple on outside of petals, blotched and flaked dark purple; large primrose blotches; immense flower. 3 petals.

Yedo-Jiman. Royal blue; large petals; standards purple. 3 petals.

Yodokuruma. Pale wine-color, veined darker, large orange blotches; standards very erect. Gigantic blooms. 3 petals.

HARRISON'S IRIS MANUAL. Paper cover; 30 pages. Full cultural directions and other valuable information. 25 cts. per copy, postpaid.

SPANISH IRIS (*Iris Hispanica*)

If wanted by mail, add 5 cts. per dozen or 30 cts. per 100 for postage

Not less than one dozen of a kind at dozen rate

Very profitable for florists, who are planting them largely for cut-flowers. Plant in beds in the open as soon as received in the autumn, and protect slightly in the winter months. In the beginning of April cover the beds with glass, so as to have the flowers ready for cutting in May.

SPANISH IRIS, continued

		Doz.	100
Belle Chinoise. Yellow; extra	3 for 10c.	$0 20	$0 90
British Queen. Large; pure white	3 for 10c.	20	90
Chrysolora. Bright yellow	3 for 10c.	20	90
Darling. Bright blue	3 for 10c.	20	90
Gold of California. Beautiful deep golden	3 for 10c.	20	90
Louise. Pale blue, slightly spotted	3 for 10c.	20	90
Midley. Fine light blue	3 for 10c.	20	90
Prince of Orange. Bronze and orange	3 for 10c.	20	90
Reconnaissance. Bronze and orange	3 for 10c.	20	90
Snowball (Blanche Fleur). White	3 for 10c.	20	90
Sweet Lavender. White and pale blue	3 for 10c.	20	90
Superfine Mixed	per 1,000, $4..3 for 5c.	15	50

HARRISON'S IRIS MANUAL. Paper cover, 30 pages. Full cultural directions and other valuable information. 25 cts. per copy, postpaid.

VARIOUS IRIS

Postage 5 cts. to 10 cts. per doz. extra, according to variety

	Each	Doz.	100
Anglica Mont Blanc. Pure white English Iris	$0 05	$0 40	$2 50
Anglica, Mixed. English Iris	3 for 10c.	25	1 25
Alata (The Scorpion Iris). Sweet-scented, sky-blue flowers; also fine for pots	10	75	5 00
Cristata. Lilac, with yellow throat	08	60	3 50
Florentina alba. Beautiful satiny white flowers	05	40	2 50
Moræa Pavonia (Peacock). Pretty. Not hardy	05	30	1 75
Persica (The French Fleur-de-lis). Early dwarf Persian; fine for forcing	25	2 50	
Sibirica. Mixed	06	50	3 00
Stylosa. Blue	10	1 00	
" **alba.** White; fine winter cut-flower	10	1 00	
Susiana major (Chalcedonian Iris). Bluish, tinted brown, dark lines	20	1 75	12 00

HARRISON'S IRIS MANUAL. Paper cover, 30 pages. Full cultural directions and other valuable information. 25 cts. per copy, postpaid.

IXIAS READY IN OCTOBER

If wanted by mail, add 3 cts. per doz. or 15 cts. per 100

The Named Hybrid Ixias are so beautiful and rich in tints that no lover of flowers should be without them. They are equally adapted for pots or the open ground, exceedingly free flowering, and invaluable for cutting. If planted out, they require rather more covering during winter than hyacinths. In pots their culture is the same as that usually recommended for other bulbs. By reason of their curious forms and strange coloring, the Ixias attract much attention.

Ixias

	Each	Doz.	100
Ambassador. Carmine-violet	3 for 10c.	$0 30	$1 50
Bucephalus major. Rich crimson; very fine	3 for 10c.	30	1 50
Conqueror. Large; white, with purple eye	$0 05	35	2 00
Crateroides major. Bright crimson	05	35	2 00
Duchess of Edinburg. White, red-striped	05	35	2 00
Favorite. Sulphur-yellow	05	35	2 00
Gem. Cream, black center	05	35	2 00
Golden Drop. Golden yellow, dark center	05	35	2 00
Hypatia. White, flushed lilac	05	35	2 00
Mozart. Dark yellow, black eye	05	35	2 00
Princess Alexandra. Pale straw color	05	35	2 00
Sarniensis fl. pl. White and red; double	05	35	2 00
Vulcan. Orange-red, black center	05	35	2 00
In Splendid Mixture per 1,000, $4.50. 2 for 5c.		15	70

LACHENALIA

READY IN SEPTEMBER

If wanted by mail, add 5 cts. per dozen for postage

Very pretty, spring-flowering, greenhouse bulbous plants of elegant habit and with brightly colored flowers. They should be grown in pots, four to six bulbs in a 5-inch pot, in a compost of two parts loam, two parts leaf-mold and one part each of peat, sand and well-rotted cow manure. Apply but little water until growth is somewhat advanced, but give more freely as the foliage develops; give them plenty of light and air and keep near the glass to insure sturdy growth. Lachenalias are also excellent subjects for hanging baskets.

	Each	Doz.
Luteola. Pale yellow flowers flushed with green	$0 25	$2 50
Nelsoni. Rich golden yellow; very fine	40	4 00
Pendula. Very handsome, large and showy species, with broad foliage and rich red flowers tipped with black	25	2 50
Quadricolor. Bright green, red and yellow flowers	40	4 00
Tricolor. Red, yellow and green	50	5 00

MONTBRETIA READY IN NOVEMBER

If wanted by mail, add 5 cts. per doz. or 30 cts. per 100 for postage

Hardy, summer-flowering bulbous plants that are becoming more popular every year. Their brightly colored flowers are borne on long, graceful spikes in the greatest profusion, and they are most valuable for cutting and general decorative purposes. They should be planted in groups and left undisturbed. Ordinary garden soil and a sunny position suit them. The following are the handsomest and most distinct varieties.

	Each	Doz.	100
Aurantiaca. Deep golden yellow; fine spike	$0 05	$0 35	$2 00
Bouquet Parfait. Large; bright vermilion flowers, with deep yellow centers	05	35	2 00
California. Beautiful deep golden yellow; very fine	05	35	2 00
Crocosmæflora. Large; bright orange, tinged scarlet	05	35	2 00
Elegans. Bright yellow, outside streaked with vermilion; extra fine	05	35	2 00
Etoile de Feu. Bright vermilion, with deep yellow center; large	05	35	2 00
Golden Sheaf. Bright yellow	05	35	2 00
Pottsii. Orange and scarlet; very free-flowering	05	35	2 00
Rosea. Bright salmon-rose; distinct	05	35	2 00
Soleil couchant (Sunset). Golden yellow	05	35	2 00
Sunbeam (Rayon d'Or). Rich yellow, spotted brown; large flowers	05	35	2 00

Muscari

MUSCARI

Commonly called Grape, Nutmeg, Feathered, etc., Hyacinths

If wanted by mail, add 5 cts. per dozen or 30 cts. per 100 for postage

Very pretty hardy bulbous plants, well adapted for mixed borders and for naturalizing in sunny spots among short grass. They succeed in almost any soil and situation and require little care. Also suitable for growing in pots in the house, five or six bulbs in a pot.

	Each	Doz.	100
Muscari, Botryoides cœruleum. Blue Grape Hyacinth 3 for 5c.		$0 15	$0 80
" " **album.** White Grape Hyacinth. 2 for 5c.		20	1 25
" **commutatum** (Compactum). Dark blue	$0 05	35	2 00
" **comosum.** Blue Tasseled Hyacinth	05	40	2 50
" **Heavenly Blue.** Light blue; strong-growing variety	05	35	2 00
" **plumosum.** Large Feathered Hyacinth	05	35	2 00
" **monstrosum.** Purple Feathered Hyacinth	05	35	2 00
" **racemosum.** Blue Starch Hyacinth	05	40	2 50
Hyacinthus candicans. A snow-white, summer-flowering giant Hyacinth	05	40	2 50

NERINE READY IN OCTOBER AND NOVEMBER

If wanted by mail, add 4 cts. each for postage

Very beautiful greenhouse bulbous plants succeeding best in pots in light soil—say a compost of loam, leaf-mold and sand. Frequent repotting is not advisable, but an annual top-dressing of new soil before the flowering season is recommended. During the growing season they succeed best in a frame with some bottom heat. After the leaves die, they should be kept quite dry in a cool place until they begin to grow again.

	Each
Flexuosa. Bright crimson-scarlet, tinged with orange	$1 50
Fothergilli major. A magnificent plant for house or conservatory. Intense shining scarlet; by artificial light the crystalline cells of the petals sparkle like jewels. Flowers freely	1 50
Sarniensis (True Guernsey Lily). Flowers brilliant crimson, in large clusters. The best-known sort	50
Undulata. Rosy carmine, edged white; very handsome	90

OXALIS READY IN SEPTEMBER

If wanted by mail, add 3 cts. per dozen or 15 cts. per 100 for postage

A very pleasing class of small bulbs, producing vast quantities of brilliant flowers during the autumn and winter months; they are especially desirable for planting in hanging baskets. They are easily grown in a sandy soil, seven or eight bulbs in a 4- or 5-inch pot. Pot in September, and remove indoors early in October; keep in moderate temperature.

	Each	Doz.	100
Buttercup. A splendid winter-blooming plant for pot culture. The flowers are pure, bright yellow, and produced in great abundance. It is very easily cultivated and, being a strong grower, only one or two bulbs should be planted in a 5- or 6-inch pot. First-size	$0 05	$0 35	$2 00
Bowiei. Crimson	3 for 10c.	30	1 50
Grand Duchesse, grandiflora alba. White	05	35	2 00
" " " **Lavender**	05	35	2 00
" " " **Pink**	05	35	2 00
" " " **Yellow**	05	35	2 00
Lasiandra. Violet-purple; fine large flowers; very showy	3 for 10c.	30	1 50
Lutea, Single. Yellow	3 for 10c.	30	1 50
" **Double.** Yellow	05	40	2 50
Mammoth Pink	05	40	2 50
Multiflora alba	05	35	2 00
Rubella. Purple	3 for 10c.	30	1 50
Mixed	3 for 5c.	15	75

PÆONIES READY IN OCTOBER

If wanted by mail, add 5 cts. each for postage

The old-fashioned double Pæonies are too well known to require description. Their popularity is due to their great merits—their easy culture, the handsome appearance of the plant, and the brilliant and striking effect of their massive, finely formed, richly colored flowers. Among hardy herbaceous perennials, the Chinese Pæonies rank about first for lawn or flower-border or shrubbery decoration. They are all hardy. We offer only strong, flowering roots, **with not less than three eyes.**

HERBACEOUS CHINESE PÆONIES (*Paeonia Chinensis*)

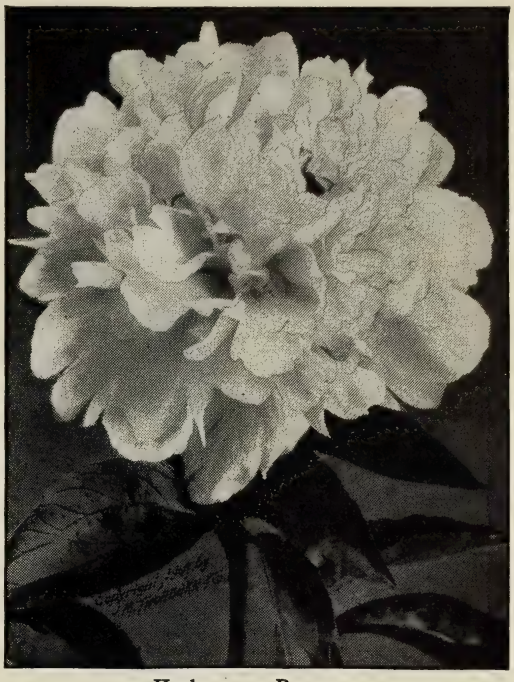
	Each	Doz.
Alba plena. Pure white; fragrant	$0 25	$2 50
Boule de Neige. Sulphury white; center leaves with rosy borders	35	3 50
Canary. Sulphury white	40	4 00
Charlemagne. Creamy white, center lilac and chamois	35	3 50
Comte de Niepperg. Bright carmine; early	40	4 00
Duke of Wellington. Sulphury white	35	3 50
Edulis superba. Bright rosy pink	30	3 00
Festiva maxima. White	40	4 00
Gigantea. Fine pink; early fragrant	50	5 00
Humei carnea. Tender rose passing to white	30	3 00
Jeanne d'Arc. Rose, sulphur and rosy white center	30	3 00
L'Elegante. Dark rosy; very large flower	35	3 50
Louis Van Houtte. Cherry-color, with purplish reflection	30	3 00
Madame Geissler. Rosy lilac; large flower; early	45	4 50
Magnifica. Tender rose, center creamy white	35	3 50
Nobilissima. Bright rosy lilac; large flower; early	35	3 50
Queen Victoria. Rose; dark rose center	30	3 00
Rubra triumphans. Carmine	30	3 00
Triomphe de l'Exposition de Lille. Light rosy; fine-shaped flower; early	35	3 50
Van Dyck. Rosy salmon	45	4 50
Victor Hugo. Anemone-flowered; brilliant carmine	40	4 00
Double Mixed, All White	20	2 00
" " **All Crimson**	20	2 00
" " **All Rose**	20	2 00
" " **All Pink**	20	2 00
" " **All Carmine**	20	2 00

HARRISON'S PÆONY MANUAL. Paper cover; 64 pages, illustrated; 25 cts. per copy, postpaid.

JAPANESE TREE PÆONIES (*Paeonia arborea*)

These are very beautiful and free-flowering, and bloom two or three weeks earlier than the herbaceous sorts. We are importing an assortment of the following fine named varieties. $1.50 each.

Berenice. Rosy lilac; enormous flower.
Blanche de Chateau Futu. Pure white.
Comtesse de Tuder. Tender rosy white; very double, fine-shaped flower.



Herbaceous Pæony

Elisabeth. Brilliant pink; one of the largest flowers.
Guillaume Tell. Bright carmine with white border, large flower.
Madame Stuart Low. Reddish salmon, white center; large flower.

PÆONIA OFFICINALIS

	Each	Doz.
Anemonæflora. Crimson; single anemone-flower shape	$0 40	$4 00
Mutabilis plena. Tender rose, passing to white; double	30	3 00
Rosea plena. Pink	35	3 50
Splendens. Dark red; half-double flower	40	4 00
Tenuifolia, Single-flowering. Rich crimson; narrow-leaved, feathery foliage.	20	2 00

HARRISON'S PÆONY MANUAL. Paper cover; 64 pages, illustrated, 25 cts. per copy, postpaid.

RANUNCULUS READY IN SEPTEMBER

If wanted by mail, add 3 cts. per dozen or 15 cts. per 100 for postage

The main soil for these should be loam or clay, with a good dressing of rotted manure and leaf-mold; if heavy, add a little sand. The soil should be well drained, cool, deep, rich and moist. Plant late in the autumn, claws downward, from 4 to 6 inches apart and 3 inches deep, covering with fine, pulverized soil.

PERSIAN RANUNCULUS

	Each	Doz.	100
Jaune Supreme. Splendid yellow	$0 05	$0 30	$1 75
Mont Blanc. White	05	30	1 75
Orange Brilliant. Deep yellow, tinged orange; black center			
3 for 10c.		25	1 50

	Each	Doz.	100
Queen of the Netherlands. Violet-black	$0 05	$0 30	$1 75
Fireball. Brilliant scarlet			
3 for 10c.		25	1 50
Persian Mixed 3 for 5c.		15	80
French Mixed 3 for 5c.		15	75

TURBAN RANUNCULUS

These are the most hardy of the Ranunculus, and will succeed with much less care than is necessary for the Persian sorts.

		Doz.	100
Grandiflora. Crimson	3 for 10c.	$0 25	$1 50
Romano. Scarlet	3 for 10c.	25	1 50
Seraphique. Citron	3 for 10c.	25	1 50
Souci Dore. Orange	3 for 10c.	25	1 50
Viridiflora. Scarlet; green center	3 for 10c.	25	1 50
Mixed Turban	3 for 5c.	15	90

Scilla Sibirica

RICHARDIA (Calla)

READY IN OCTOBER AND NOVEMBER

Add 3 cts. each or 20 cts. per dozen for postage, if wanted by mail

Tall-growing, bulbous perennials of graceful habit, and handsome foliage and flowers. They are easily cultivated in pots, requiring only rich soil and plenty of water. A compost of one part good loam and one part cow-manure is recommended. It is a good plan to plant them out in the garden each summer, in rich, well-manured soil, giving them plenty of water, taking them up and carefully repotting in September.

	Each	Doz.	100
White Calla, or **Lily of the Nile** (*Calla Æthiopica*). Large, white, trumpet-shaped flowers of great substance. One of the most popular ornamental house and greenhouse plants. Largest-size bulbs	$0 20	$2 00	$14 00
Second-size bulbs	15	1 50	10 00
"Little Gem" Calla. Very neat, dwarf habit; makes an excellent pot-plant	10	90	6 00
Black Calla. See *Arum Palæstinum sanctum*	15	1 25	9 00
Red Calla (*Arum cornutum*). Flowers red, spotted black; stem mottled; a handsome pot-plant	$0 15	$1 25	$9 00
ELLIOTTIANA, Yellow, Spotted Leaf. Dark green leaves, spotted silvery white	30	3 00	

SCILLA **READY IN SEPTEMBER**

If ordered by mail, add 5 cts. per dozen for postage, except Peruviana, for which add 2 cts. each

S. Peruviana requires slight protection; all the others are quite hardy, and may remain in the ground several years. The effect in early spring of the intensely rich blue, early-flowering Scilla, contrasting with the snow-white of the snowdrop and the varied hues of the crocus, is very striking; most valuable for permanent edging, or planted in bunches of a dozen or so.

	Each	Doz.	100
Sibirica. Blue. Extra-large bulbs	$0 05	$0 35	$1 75
" **alba.** White-flowered variety of the above	05	40	2 50
Bifolia. Blue	05	35	1 75
Campanulata (Wood Hyacinth). Blue	05	30	1 50
" **alba.** White	05	35	1 75
" **rosea.** Rose	05	35	1 75
Nutans alba	05	35	2 00
" **cœrulea** (Nodding Squills). Blue	05	35	2 00
" **rosea.** Rose	05	35	2 00
Peruviana alba (White Cuban Lily)	15	1 50	
" **cœrulea** (Blue Cuban Lily)	15	1 50	

Snowdrops

SNOWDROPS (*Galanthus nivalis*)

READY IN SEPTEMBER

If wanted by mail, add 3 cts. per dozen or 15 cts. per 100 for postage

Perhaps no spring flower is a more general favorite than the Snowdrop. The earliest flowering of its varieties is the common single sort. which is also very graceful and beautiful, commencing to bloom before the snow is fairly off the ground in spring. This is succeeded by the double-flowered variety, with its elegant drooping, snow-white blossoms. Should be planted 2 to 3 inches deep in a shady location.

Single-flowering Snowdrops. 20 cts. per doz., $1 per 100, $7 per 1,000.
Double-flowering Snowdrops. 25 cts. per doz., $1.50 per 100, $13 per 1,000.
Giant Snowdrops of Asia Minor (*Galanthus Elwesii*). 20 cts. per doz. $1 per 100, $6.50 per 1,000.

SPIRÆA, or ASTILBE

READY IN NOVEMBER

Transportation charges extra

Tall, graceful, branching, herbaceous perennials, thriving in rich soil and damp positions. Those we list are extensively used for forcing for winter decorative purposes, for which they are eminently adapted, either as cut-flowers or in pots for window and table decoration. They should be potted when received and buried outside till they begin to form roots. They may then be taken in and forced as required. They require abundance of water.

Spiræa

SPIRÆA, continued

Japonica (Hoteia). Excellent pot-plant for winter-blooming. Large, branching panicles of pure white feathery flowers; fine for cutting. Clumps for forcing or outdoor planting. 12 cts. each, $1 per doz., $6 per 100.

Japonica compacta multiflora. The neat, compact habit and profusion of large, handsome, pure white flowers make it a most elegant pot-plant. 15 cts. each, $1.40 per doz., $9 per 100.

Astilboides floribunda. Very large, pure white plumes; neat habit; very abundant bloomer. 15 cts. each, $1.40 per doz., $9 per 100.

Palmata. Crimson; strong clumps. 15 cts. each, $1.50 per doz., $10 per 100.

Aruncus. Handsome plant with large plumes of pure white flowers. 15 cts. each, $1.50 per doz., $10 per 100.

GLADSTONE. A hybrid Spiræa with beautiful snow-white plumes borne on strong stems 1½ feet long, standing erect above the foliage. The plant is perfectly symmetrical in shape, the foliage very handsome and the flowers exquisitely fragrant. Fine forcer. 15 cts. each, $1.50 per doz., $10 per 100.

WASHINGTON. A splendid decorative plant, producing extra-large flowers. Strong grower; fine for forcing. 15 cts. each, $1.40 per doz., $9 per 100.

QUEEN ALEXANDRA, PINK. A splendid **pink variety,** in habit similar to the well-known Gladstone, but flowering two weeks later. It is a very free bloomer and bears its flowers well above the strong, dark green foliage. When forced it must be shaded, as soon as it starts to color. It is a splendid outdoor plant, being as hardy as the old *Spiræa Japonica.* Its color will not fade even in the brightest weather. 25 cts. each, $2.25 per doz., $15 per 100.

Transportation charges NOT included in above prices

TRILLIUM (American Wood-Lily, or Indian Shamrock)

If wanted by mail, add 5 cts. per dozen or 30 cts. per 100 for postage

Hardy herbaceous perennials succeeding best in a deep, well-drained soil and in a somewhat shady situation. They require plenty of water during the summer. All are natives of North America, and are known by various common names in different localities. They have violently emetic roots.

Erectum. Dark purple; erect habit. 10 cts. each, 75 cts. per doz., $5 per 100

Grandiflorum ("Giant American Wood-Lily," or "Wake-Robin"). Large, white flowers, changing to rose; quite hardy, and easily grown in shaded positions. 7 cts. each, 60 cts. per doz., $3.50 per 100.

Ovatum. White, changing to rose. 10 cts. each, 75 cts. per doz., $5 per 100.

Sessile Californicum. A strong plant, 1 ft. high, with the separate leaves 5½ inches long by 4½ inches wide and the petals 3½ inches long. Flowers pure white with purple centers; very fragrant. 12 cts. each, $1 per doz., $6.50 per 100.

" **rubra.** Same as Californicum with narrow petals; deep maroon-purple to reddish purple. 12 cts. each, $1 per doz., $6.50 per 100.

" **Snow Queen.** Flowers pure white with creamy centers and with broad petals. 12 cts. each, $1 per doz., $6.50 per 100.

Trillium

TUBEROSES READY IN DECEMBER

If wanted by mail, add 3 cts. each or 15 cts. per dozen for postage

The purity of color and rich perfume of the Tuberose are well known in this latitude. May 1 is early enough to plant in the open ground, but the bulbs may be started in pots much earlier if desired. They do best in a rich, warm soil and a sunny situation. Cut off about a quarter of an inch from the bottom of the bulb before planting, and set so that the top will be one inch below the surface of the soil.

Dwarf Double Pearl. Dwarf habit; large, fine flowers of great substance. 5 cts. each, 35 cts. per doz., $2 per 100, $12 per 1,000.

Albino. Purest white; single flowers. 8 cts. each, 50 cts. per doz., $3 per 100.

Variegated-leaf. Foliage striped white and green; single white flowers. 6 cts. each, 50 cts. per doz., $3 per 100.

Miscellaneous Bulbs and Roots

Those marked with an asterisk (*) will not be ready till October or November

Transportation charges extra

	Each	Doz.	100
***Achimenes.** Mixed. Lovely greenhouse pot-plants	$0 07	$0 60	$3 50
Aconite. See Eranthis.			
Allium. Perfectly hardy bulbous plants of the easiest cultivation. They are excellent for the flower border or for naturalizing in masses. The varieties offered below are also suitable for forcing for winter cut-flowers.			
" **azureum.** Beautiful sky-blue flowers in large umbels; fine for pots or garden	10	1 00	7 00
" **Neapolitanum.** Large umbels of pure white flowers, borne on large stems; valuable for forcing for winter cut-flowers, as well as for summer garden decoration.	2 for 5c.	20	1 00
" **Moly luteum.** Golden yellow flowers in large umbels; very showy and attractive; fine for growing in the garden in groups or for naturalizing in masses	2 for 5c.	20	1 00
" **Hermettii grandiflorum.** Makes a splendid pot-plant for winter-blooming in the house, the handsome, large, pure white flowers being produced abundantly and for a long time; largely used by florists for cut-flowers	3 for 10c.	25	1 25
Alstrœmeria aurea. (*Aurantiaca.*) Orange-yellow; spotted black	05	40	
" Brasiliensis. Deep red, with black spots	07	60	
Amorphophallus Rivieri. A species of Arum, with ornamental leaves; flowering without soil or water	1 00	10 00	
Anomatheca cruenta. Rich crimson flowers; neat, dwarf habit; excellent for window-garden	2 for 5c.	20	1 00
Anthericum. Ornamental border plants; also fine for pot culture. Do best in light, rich soil, and require plenty of water while growing.			
" **Liliago** (St. Bernard's Lily). Pure white flowers; 1½ feet high	10	75	
" **liliastrum major** (St. Bruno's Lily). Pure white; fragrant	07	60	
" **ramosum.** Of branching habit; white flowers; 2 feet high	12	1 00	
Antholyza, Mixed. Like Gladioli. Take up in fall	10	75	5 00
Apios tuberosa. Hardy climber, with clusters of fragrant purple flowers	05	35	2 00
Arum. Make handsome pot-plants, and are also effective in subtropical gardening. *A. Dracunculus* and *A. Italicum* are hardy.			
" **crinitum.** Marbled stems; broad, flesh-colored, spotted flowers, covered with hairs.	40	4 00	
" **cornutum** (Red Calla). Flowers red, spotted black, stems mottled; handsome pot-plant; flowers without water or soil	15	1 25	9 00
" **Dracunculus** (Dragon-flower). A striking and very ornamental plant for pots or garden. It grows to a height of 3 feet, with mottled stem and handsome foliage. Hardy	15	1 50	
" **Italicum.** A hardy species from the Channel Islands, with creamy white flowers	06	50	
" **maculatum.** A fine decorative plant; flowers white; green foliage, spotted black	10	1 00	
" **Palæstinum sanctum** (Black Calla). From the Lebanon mountains. A splendid pot- and chamber-plant, with fine dark green foliage, large black spathe and black spadix	15	1 25	9 00
Babiana. Mixed colors; for pots	06	50	3 00
Bleeding Heart. See Dicentra, below.			
Blood-Root. See Sanguinaria, next page.			
Bloomeria aurea. Light yellow	07	60	3 50
Bulbocodium vernum. A very pretty little bulbous plant, with rosy purple, crocus-like flowers; it is one of the earliest spring plants, blooming even before the crocus	07	60	3 50
Calla. See Richardia, page 24.			
Camassia Cusickii. Superb variety with very large leaves and lovely, pale sky-blue flowers, produced in racemes 2 to 3 feet long	15	1 50	
" **esculenta.** Pretty violet-blue flowers; fine for cutting	3 for 10c.	25	1 50
Chionodoxa gigantea. Very large lilac-blue flowers, with large white eye	05	35	2 00
" Luciliæ("Glory-of-the-Snow"). Porcelain-blue, white eye	3 for 10c.	25	1 50
" Sardensis. Lovely deep blue flowers, produced in great numbers	3 for 10c.	25	1 50
Cinnamon Vine. *See Dioscorea*	06	50	3 00
Clematis coccinea. A hardy herbaceous perennial climber; flowers rich scarlet	15	1 50	10 00
Colchicum autumnale roseum fl. pl. Lilac	10	75	5 00
" Mixed. Many bright colors	08	65	4 00
Cooperia Drummondii (Evening Star). White	05	35	2 00
" peduncularis. Beautiful white, fragrant flowers	05	35	2 00
Corydalis bulbosa rubra. Rosy purple; very early, spring-flowering	06	50	3 00
Crocosmia aurea (Tritonia). Half-hardy; orange flower	10	85	6 00
***Dicentra spectabilis** (Dielytra; Bleeding Heart). Hardy; also for forcing	15	1 50	10 00
Dioscorea Batatas (Cinnamon Vine)	06	50	3 00
Dodecatheon Hendersoni. Rose-purple, with yellow band	12	1 10	7 50
" Clevelandi. White, tinted pink; tall	12	1 10	7 50
Eranthis hyemalis (Winter Aconite). Yellow	2 for 5c.	20	1 25
Eucharis Amazonica. Fine, white-flowered greenhouse plant. Magnificent	75	7 50	
Geranium sanguineum. Hardy perennial. Crimson-purple flowers	20	1 50	
***Hæmanthus** albiflos. White; fine for pots	1 00		
" coccineus. Scarlet; for pots	2 00		
" puniceus. Orange-red; for pots	1 50		
***Helleborus niger major** (Christmas Rose). Perfectly hardy, but most valuable for forcing.	40	4 00	
***Hemerocallis,** Apricot. Distinct rich apricot	12	1 00	
" flava. Clear yellow	10	75	5 00
" fulva. Coppery orange, shaded crimson	12	1 10	7 50
" Kwanso flore pleno. Coppery orange; double	12	1 10	7 50
" Sieboldi. Reddish orange	10	75	5 00

MISCELLANEOUS BULBS AND ROOTS, continued

	Each	Doz.	100
*Hyacinthus candicans. A snow-white summer-flowering giant Hyacinth	$0 05	$0 40	$2 50
Incarvillea Delavayi. Large, rosy purple; splendid hardy perennial, with handsome foliage	10	75	
Leucojum æstivum. Summer-flowering white Snowflake	05	40	2 50
" vernum. Spring-flowering, dwarf Snowflake	05	40	2 50
Œnothera ovata (Evening Primrose). A beautiful Primrose, having circles of leaves flat on the ground and a great number of bright yellow flowers	20	2 00	
Ornithogalum arabicum. White, with black center; valuable for forcing	05	40	2 50
Ornithogalum pyramidale. Showy spikes of white flowers	15	1 25	
Ornithogalum umbellatum (Star of Bethlehem). Outside green-and-white striped, inside satiny white; flowers in umbels; very showy	05	35	2 00
***Pancratium** calathinum (Basket Flower). Very fragrant white flowers	10	1 00	6 00
" maritimum (Sea Daffodil). Delightfully fragrant; white	15	1 25	8 00
" undulatum. White	10	1 00	6 00
Sanguinaria Canadensis (Bloodroot). Spring-flowering. Pure white flowers with tassels of yellow stamens	25	2 50	
***Schizostylis** coccinea. Scarlet gladiolus-like flowers in spikes	08	65	4 00
Sparaxis. Finest mixed	2 for 5c	20	1 00
Tricyrtis hirta. Beautiful; fall-flowering; hardy; from Japan	10	75	5 00
Triteleia uniflora. Pure white, shaded with blue; hardy	2 for 5c	20	90
***Tritoma** uvaria grandiflora (Red-Hot-Poker Plant). Half-hardy	15	1 20	8 00
" MacOwani. Dwarf variety; bright orange-red	15	1 40	9 00
" Pfitzeri. Large spikes of intense flame-colored flowers. In beds it makes a gorgeous display. It should be planted in the spring	20	1 65	11 00
***Tritonia** crocata. Mixed	06	50	3 00
***Trollius** Europæus. Yellow	15	1 50	10 00
" Caucasicus (Orange Globe). Large, globular, golden yellow flowers	20	1 75	
" giganteus. Yellow	20	1 75	
***Tropæolum** tricolor (Jarratti). Fine greenhouse climber; for pots	20	2 00	
" speciosum. Brilliant scarlet	15	1 50	
" pentaphyllum	40	4 00	
Tydæa. Mixed. Very showy	10	1 00	
***Vallotta** purpurea (Scarborough Lily)	30	3 00	
WATSONIA ARDERNEI (O'Brieni). Each bulb produces from 50 to 100 large and very beautiful snow-white gladiolus-like blooms over 3 inches in diameter. Fine for forcing in the greenhouse or for planting outdoors in spring	20	2 00	
Zephyranthus Atamasco. Pure white	06	50	3 00
" candida. White, greenish base	08	65	4 00

Hardy Annual and Perennial Flower Seeds

FOR AUTUMN SOWING

Many varieties of flower seeds, **Annuals** as well as **Biennials** and **Perennials,** may be sown in the open ground in the autumn. We give here a list of such as will succeed in this latitude and southward. The plants from autumn-sown seed become larger and more robust, flowering earlier and more numerously than if sown in the spring.

	Pkt.	Oz.
Acanthus mollis	$0 10	
Achillea Ptarmica, double, "The Pearl"	25	
Aconitum Napellus	10	
" pyramidatum. Blue	15	
Adonis vernalis	05	
Alyssum maritimum	05	$0 35
" " Thorburn Bouquet	15	2 00
" saxatile compactum	05	
Anemone coronaria, St. Brigid	10	
Aquilegia cœrulea	15	
" " hybrida	15	
" vulgaris, Single Mixed	05	35
" " Double White	10	60
" " Mixed	05	40
Arabis alpina	10	
Asperula odorata	10	
Aubrietia deltoidea	25	
" Græca	10	
Bocconia Japonica	10	
Buphthalmum cordifolium	05	
Calampelis scabra. Fine climber for trellises	10	
Callirhoe involucrata	10	
Campanula Medium. White	10	60
" " Blue	10	50
" " Striped	10	50
" " Single Mixed	05	40
" " Double Blue	10	
" " " White	10	
" " " " Mixed	10	
" persicifolia grandiflora. Fine Mixed	25	
" pyramidalis. Blue	10	80
" " White	10	80
" calycanthema. Blue	10	

	Pkt.	Oz.
Candytuft sempervirens	$0 15	
" Gibraltarica	15	
Catananche cœrulea	10	
Centaurea (Blue Cornflower)	05	
" Mixed Cornflower	05	
" gymnocarpa	10	$0 75
Cerastium tomentosum	25	
" Biebersteini	10	
Convolvulus tricolor. Dwarf	05	25
Coreopsis lanceolata grandiflora	10	75
Crucianella stylosa	05	
Daisy, Double. White (Snowball)	10	2 50
" " Red	10	
" " Longfellow	10	
" " Mixed	10	2 50
Delphinium Ajacis, Dwarf Rocket	05	30
" Brunonianum	25	
" Chinense, Mixed	10	
" formosum	20	
" Newport Rose	10	60
" Zalil	30	
Dictamnus fraxinella. Red	10	
" " White	10	
Dracocephalum Moldavicum	05	
Echinops Ritro. Blue	10	50
Eschscholtzia Thorburni. Grandest of all	10	
" Californica	05	30
" Burbank's Crimson-flowering	10	
" The Golden West	05	40
Forget-me-not (Myosotis) alpestris. Blue	10	60
" " alba	10	75

HARDY ANNUAL AND PERENNIAL FLOWER SEEDS, continued

	Pkt.	Oz.
Forget-me-not, alpestris robusta grandiflora	$0 10	$0 75
" " Victoria	15	
" " Star of Love	25	
" sylvatica	10	
Foxglove. Purple	05	30
" White	05	50
" Mixed	05	30
" gloxinioides. Purple	10	
" " Mixed	10	60
" monstrosa. Splendid Mixed	10	
Fragaria Indica	10	
Gaillardia grandiflora maxima	10	60
Galega officinalis	05	
" alba	10	
Geum Chiloense coccineum fl. pl.	15	
" " atrosanguineum fl. pl.	10	
Godetia, Fairy Queen. White, carmine spots	05	
" gloriosa. Darkest red; dwarf; compact	05	
" grandiflora maculata. Large white blotched carmine	05	
" Lady Albemarle compacta. Dwarf; dark crimson	10	
" Lady Satin Rose. Bright carmine	05	
" Princess of Wales. Dark crimson.	05	
" The Bride. White, blush spots	05	
Gunnera manicata	25	
Helleborus niger	10	
" " New Hybrids	25	
Heuchera sanguinea	15	
" " splendens	25	
Hibiscus, Crimson Eye	10	
Hollyhock, Double Mixed	10	1 50
Jacob's Ladder. Blue	05	25
" " White	05	
Lavatera arborea variegata	10	
Lathyrus latifolius, Pink Beauty	10	40
" " White	10	40
" " Crimson	10	40
" Lord Anson's White	05	20
Linaria Cymbalaria	10	
Linum Lewisii variegatum	10	50
Lupinus polyphyllus. Mixed; perennial	05	
Lychnis Chalcedonica	05	25
" " alba	05	40
" Haageana hybrida	10	
Pæonia officinalis	05	
Pansy. See page 29.		

	Pkt.	Oz.
Pentstemon. Mixed; large flowered	$0 10	
Persicaria. Red	05	
Phlox decussata. Mixed, perennial	10	
" Large-flowered. Mixed; hybrid perennial	25	
Physalis Francheti	10	
Platycodon grandiflorum	10	
Polyanthus. Mixed	10	
Potentilla. Mixed	10	
Poppy, Oriental	10	$0 75
" " Mixed Hybrids	10	75
Poppy, nudicaule (Iceland Poppy)	10	80
" " album	10	80
" " Mixed	10	75
Primula Cashmeriana	25	
" Japonica	10	
" vulgaris (English Yellow Primrose)	10	
Pueraria Thunbergiana (Kudzu Vine)	10	
Pyrethrum atrosanguineum	10	
" roseum hybridum, Double Mixed	25	
" Parthenifolium aureum	10	50
" " " Golden Gem.	05	50
Rheum palmatum	05	
" Collinianum	05	
Rudbeckia amplexicaulis	05	
Scabiosa minor aurea fl. pl.	05	
" Caucasica	10	
" perfecta and fimbriata mixed	15	
Snapdragon. Tall. Picturatum blotched	05	
" Tall Mixed	05	
" Queen of the North	05	
" Queen Victoria	10	
" Black Prince, Dwarf	10	
" Large-flowered. Mixed	05	60
Sweet William. White; single	05	30
" " Double	10	
" " Dark Crimson; Single	05	30
" " " " Double	10	
Sweet Peas. See next page.		
Stachys lanata	05	
Statice. Mixed; perennial	05	
Stenactis speciosa. Purple	10	
Stokesia cyanea. Blue	10	
Trifolium suaveolens	05	
Verbascum pannosum	10	
Veronica. Mixed	10	

Flower Seeds for Frames and Greenhouses

	Pkt.
Acacia decurrens	$0 05
" Farnesiana	05
" melanoxylon	10
" mollissima floribunda	10
Asparagus Sprengeri	10
" plumosus nanus. 100 seeds, 50c.	10
Begonia. Single Tuberous-rooted	25
" Double Tuberous-rooted	75
" Erfordi	50
" Rex fol. aureis. Yellow-leaved	25
" " Zulu King. Black-leaved	25
" semperflorens alba	25
" " Vernon	25
Browallia. Mixed	10
Calceolaria. Large-flowered Tigered and Selfs	25
" rugosa	50
Candytuft, Empress. oz., 25c.	05
Carnation, Margaret, Half-Dwarf Mixed. per oz., $1.25	10
" " White	10
" " Yellow	25
" Chabaud Perpetual Double	25
" Giant Perpetual Mixed	50
Cineraria hybrida. White	25
" " Splendid Mixed	25
" " Large-flowered. Blood-red	25
" " " Half-Dwarf	60
" " " Prize Mixed	60

	Pkt.
Coleus, Fine Hybrids	$0 25
Cyclamen giganteum, Mont Blanc. 100 seeds, $1	25
" " albo-rubrum. 100 seeds, $1	25
" " atropurpureum. 100 seeds, $1	25
" " cardinal. 100 seeds, $1	25
" " lilacea. 100 seeds, $1	25
" " superbum. 100 seeds, $1	25
" " roseum. 100 seeds, $1	25
" " Aurora Borealis. 100 seeds, $1.25	25
" " Salmon Queen. 100 seeds, $1.25	25
" " Mixed. 100 seeds, $1	25
Genista Canariensis	10
Gloxinia hybrida crassifolia erecta	50
" " " horizontalis	50
" " grandiflora "Defiance"	50
" " " Tigered and Spotted.	50
" " gigantea, "Cyclops"	50
" " " Goliath	50
Heliotrope, Fine Mixed	10
Impatiens Sultani. Scarlet	25
" Sultani. Mixed	25
" Holstii	25
Lobelia erecta, Crystal Palace compacta	20
" erinus alba	05
" " speciosa	10

FLOWER SEEDS FOR FRAMES AND GREENHOUSES, continued

	Pkt.
Lobelia erinus. Mixed ..... oz., 60 cts...	$0 05
Mandevillea Suaveolens. White	10
Maurandya. Mixed	10
Mignonette, Machet ..... per oz., 60 cts...	10
" " Golden ..... per oz., 75 cts...	10
" Bismarck. Improved dwarf ..... per oz., 80 cts...	10
" Crimson Giant ..... per oz., 30 cts...	05
" Diamond. Pure white ..... per oz., 60 cts...	10
" Gabrielle. Large red. per oz., 60 cts...	10
" Golden Queen ..... per oz., 50 cts...	10
" Victoria. Red, compact ..... per oz., 50 cts...	10
" Parson's White ..... per oz., 50 cts...	10
Musk Plant	10
Primula obconica grandiflora Fringed. Mixed	25
" Sinensis fimbriata rubra	25
" " " alba magnifica	50
" " " coccinea	25
" " " filicifolia, Mixed	25
" **stellata.** (Star Primula) Mixed Star	50
Rehmannia angulata. Rose and red shades	25
Rosa multiflora nana	10
Smilax ..... per oz., 50 cts.	10
Solanum capsicastrum	10
" giganteum	10
" Hendersonii	10
" Seaforthianum	15
" Warscewiczioides	10
Stevia serrata	10
Stocks, Winter. Mixed	25
" Dwarf Large-flowering Mixed	10
" Cut-and-Come-Again	10
" Giant Perfection. Mixed	10

	Pkt.
Vinca alba pura	$0 10
" rosea alba	10
" " Mixed	10
Wallflower. German Double. Mixed	25
" Single, Brown	05
" " Yellow	05
" " Mixed ..... per oz., 30 cts..	05

PANSY

To have fine Pansies for spring flowering, the seed should be sown in frames in August, and not later than September.

	Pkt.	Oz.
Thorburn Superb. The richest and most choicely varied mixture ever offered. Produces largest flowers of most beautiful form	$0 25	$5 00
Fine Large English. Mixed	10	1 50
Giant Orchid-flowered. A splendid and quite distinct sort	25	2 50
Bugnot Superb Blotched	25	4 00
Cassier's Fine Mixed	25	4 00
Masterpiece. Curled, wavy petals; splendid	15	2 00
Madame Perret. Giant-flowered	15	1 50
Emperor William. Ultramarine-blue	10	1 25
Fairy Queen. Light blue, with white border	10	1 25
Fire King. Golden yellow and purple	10	1 25
Meteor. Bright yellow and brown	10	1 25
Parisian. Mixed	15	2 00
Snow Queen (Candidissima). Pure white.	10	1 50
Giant Trimardeau, White	15	1 50
" " Yellow (*Golden Crest*).	15	1 50
" " Fire King	20	2 00
" " Mixed	10	1 50

SWEET PEAS

We offer the following sorts so long as unsold, but the prices are all subject to change without notice. **Sweet Pea seed next season will be very scarce.**

GRANDIFLORA VARIETIES

All 5 cents per packet

	Oz.	¼lb.	½lb.	Lb.
Agnes Johnston. Rose-pink, shaded cream	$0 10	$0 25	$0 45	$0 75
Blanche Burpee. Superb pure white	10	35	60	1 00
Countess of Cadogan. Reddish mauve and violet-blue	10	30	50	80
Countess of Lathom. Very pretty cream-pink	10	25	45	75
Crown Jewel. Primrose, veined violet-rose	10	25	45	75
David R. Williamson. Bright indigo; wings lighter	10	25	45	75
Firefly. Brilliant fiery scarlet	10	25	45	75
Helen Pierce. Bright blue, mottled on pure white. Shell-shaped flowers. Very beautiful	10	35	60	1 00
Hon. F. Bouverie. Standard flesh-pink; wings rosy buff	10	25	45	75
Lottie Eckford. Rose and white, edged with blue	10	25	45	75
Maid of Honor. Almost white, with light bluish lavender edge	10	25	45	75
Miss Willmott. Deep orange-pink; large size	10	25	45	75
Modesty. White, tinted pink	10	25	45	75
Mrs. Jos. Chamberlain. White, striped and flaked with bright rose	10	25	45	75
Mont Blanc. Very large, pure white flowers; one of the earliest-flowering sorts. Fine forcer	15	45	75	1 25
Royal Rose. Fine deep rose-colored	10	25	45	75
Sadie Burpee, Black Seed. Very large; pure white	10	25	45	75
Senator. Maroon and violet; striped white	10	25	45	75
Shasta. Pure white; large open form	10	35	60	1 00
Stella Morse. Primrose, flushed pink; very beautiful	10	25	45	75
White Wonder. Large pure white flowers, often 6 to 8 on the long, stout stems	10	30	50	80
Choice Mixed	10	25	45	75

CHRISTMAS-FLOWERING VARIETIES

All 10 cents per packet

These varieties, if sown early in fall indoors, will bloom by Christmas, and continue all winter.

	Oz.	¼lb.
Angeleno. Self-pink	$0 50	
Burpee's Earliest White. Pure white; on long stems; early	50	$1 50
Christmas Lavender	50	1 50
Christmas Pink	50	
Christmas White	50	1 50
Earliest of All. Pink and white, resembling Blanche Ferry	50	1 50
Flamingo. Crimson	50	

SWEET PEAS, SPENCER VARIETIES. (ALL SELECTED STOCKS)

All 10 cents per packet

	Oz.	¼lb.	½lb.	Lb.
Apple Blossom. Crimson, buff and light pink	$0 40	$1 25	$2 25	$4 00
Clara Curtis. Beautiful pale primrose	30	95	1 50	2 50
Elsie Herbert. Large creamy white with pink edge	30	1 00	1 75	3 00
Enchantress. Deep pink, darker toward edge	30	95	1 50	2 50
Etta Dyke. Pure white; exquisite	40	1 25	2 25	4 00
George Herbert. Standard rosy magenta, wings deep carmine	30	1 00	1 75	3 00
Florence Morse. Blush, pink margin	40	1 25	2 25	4 00
John Ingman. Rose-carmine; gigantic fluted flowers	30	95	1 50	2 50
Primrose Spencer. Color a pronounced primrose throughout	30	1 00	1 75	3 00
Mrs. C. W. Breadmore. Buff ground with rosy picotee edge	40	1 25	2 00	3 50
Tennant. Purplish mauve self; long, stiff stems	40	1 25	2 25	4 00
Mixed Spencers	30	1 00	1 75	3 00

Choice Vegetable Seeds

Beet

	Pkt.	Oz.	¼lb.	Lb.
Crosby Egyptian	$0 05	$0 15	$0 40	$1 50
Crimson Globe	05	15	40	1 50
Detroit	05	15	40	1 50

Cabbage

Enkhuizen Glory	10	25	80	2 75
Early Jersey Wakefield	10	30	85	3 00
Early Baseball	10	25	75	2 50
Thorburn's Market-Gardener's Private Stock Flat Dutch	10	25	75	2 50

Cauliflower

Extra-Early Dwarf Erfurt	50	5 00		
Large Early Erfurt. Extra.	25	2 25	8 00	30 00
Thorburn Extra-Early Snowball	25	2 25	7 50	28 00
Thorburn Large Early Snowball	25	2 25	7 50	28 00
Thorburn Gilt-Edge	25	2 25	7 50	28 00
Large Algiers (Italian)	10	30	1 00	4 00
" " (French)	10	60	2 00	7 00

Endive

Green Curled Winter	05	15	30	1 00
Broad-leaved (Escarolle)	05	15	30	1 00
Large Green Curled (De Ruffec)	05	15	30	1 00

Kale, or Borecole

Curled Siberian	05	10	20	60
Dwarf Green Curled Scotch	05	10	30	90
Jersey Winter	05	10	25	75

Kohlrabi

Early White Vienna	05	20	60	1 75

Lettuce

Thorburn's Maximum	05	20	55	1 75
Market-Gardener's Private Stock	05	20	50	1 50
Big Boston	05	20	50	1 50
Giant Crystal Head	05	15	35	1 25
May King	05	20	50	1 50
Thorburn's Mammoth Butter, Black Seed	05	15	35	1 25
Romaine, or Cos	05	20	50	1 50

Onion

	Pkt.	Oz.	¼lb.	Lb.
White Pearl. Small	$0 05	$0 20	$0 50	$1 50
" **Mammoth Garganus**	05	20	50	1 50
" **Bermuda** (Teneriffe-grown)	10	30	1 00	3 50
" **Victoria**	05	20	60	2 00
Red, Bermuda	10	30	85	2 75

Parsley

Extra Curled	05	15	35	90

Radish

Turnip Early Scarlet	05	10	20	50
" " **Scarlet Forcing**	05	10	20	60
" " **Scarlet Globe.**	05	10	20	65
" " **Crimson Giant.**	05	10	25	75
Olive-shaped French Breakfast	05	10	20	65
Round Scarlet China	05	10	25	75
Winter Scarlet Chinese	5	10	25	75
" **Long Black Spanish**	05	10	25	75
" **Oval Black Spanish**	05	10	25	75

Spinach

Thorburn Long Season	05	10	15	35
Round Viroflay (Thick-leaved)	05	10	15	35
Curled-leaved Savoy, or Bloomsdale	05	10	15	35
Long-standing (Round Thick-leaved)	05	10	15	35
Victoria	05	10	15	35
Prickly	05	10	15	35

Turnip

Red Top Globe	05	10	20	60
White Globe	05	10	20	60
White Milan	05	20	60	2 00
White Snowball	05	10	20	60
White Strap-leaf	05	10	20	60
Yellow Stone	05	10	20	60
Rutabaga, Thorburn, Purple-Top Improved	05	10	20	60

Mushroom Spawn

Cultural directions in our General Catalogue. Any one requiring fuller details should get Wm. Falconer's book on Mushroom Culture, sent postpaid, for $1.

English Spawn. In bricks, weighing about 1½ lbs. Per brick 22 cts., 5 bricks $1, 10 bricks $1.85, 100 bricks $15.

American Spawn. In bricks, weighing about 1 lb. Per brick 18 cts., 10 bricks $1.50, 100 bricks $12.

French Spawn. In bulk. Per lb. 30 cts., 10 lbs. $2.50.

Insecticides and Remedies for Plant Diseases

(ALL SUBJECT TO CHANGE IN PRICE). If wanted by mail, add 16 cts. per lb. to cover postage

ANTIPEST. A sure destroyer of all insect pests. Qt. 60 cts., ½gal. can $1, gal. can $2.

APHINE. Has no equal for the destruction of green, black or white fly, thrips, red spider, mealy bug, etc. Used one part to forty of water. Does not injure the most tender plants. ¼pt. 25 cts., pt. 65 cts., qt. $1, gal. $2.50.

ARSENATE OF LEAD. Does not injure tender foliage. Lb. 20 cts., 5 lbs. 90 cts., 10 lbs. $1.60, 20 lbs. $3, 100 lbs. $13.

BORDEAUX MIXTURE, DRY. For all fungous diseases. 1-lb. box 20 cts., 5 lbs. and over at 18 cts. per lb.; 50 lbs. $7; liquid, qt. 40 cts., gal. $1.25.

BUG DEATH. This is a fungicide, insecticide and plant-food combined. 1-lb. package 15 cts., 3-lb. package 35 cts., 5-lb. package 50 cts., 12½-lb. package $1, 100-lb. package $7.50.

DALMATIAN INSECT POWDER. ½-lb. box 30 cts., 1-lb. box 50 cts.

FIR-TREE OIL. For greenhouse and house plants. Destroys insects without injuring plant. Dilute 1 pint to 20 gallons water. Apply with vaporizer or syringe. ½pt. 40 cts., pt. 75 cts., qt. $1.25, ½gal. $2.25, gal. $4.

FIR-TREE OIL SOAP. Mix at the rate of 1 ounce to a gallon of water, and apply with a bellows or syringe. ½-lb. tin 25 cts., 2-lb. tin 75 cts.

GRAPE DUST, HAMMOND'S. For the prevention of mildew on roses, grapes, gooseberries, etc. Apply with bellows. 5-lb. pkg. 35 cts., 10-lb. pkg. 60 cts., 100 lbs. $5.

HELLEBORE. Apply dry or mix in water—1 oz. to 3 gals. 2-lb. box 45 cts., 1-lb. box 25 cts.

KEROSENE EMULSION. For cabbage worms, scale on trees, caterpillars, melon-louse, rose bugs, green fly, etc. Dilute 25 to 50 parts. Qt. 40 cts., gal. $1.

LEMON OIL. For destroying scale, caterpillar, mealy bug., etc. Directions on can. ½pt. 25 cts., pt. 40 cts., qt. 75 cts., gal. $2.

NICOTICIDE. For fumigating or spraying. Effective against green fly, mealy bug, etc. Does not damage foliage or flowers. Sold in cans as follows: No. 1, 1 pt., sufficient for 32,000 cubic feet of space, $2.50 each; No. 2, ½pt. sufficient for 16,000 cubic feet of space, $1.25; No. 3, 4 ozs., sufficient for 8,000 cubic feet of space, 70 cts. Gals. $15 each, ½-gal. $8.25 each, qts. $4.50 each. Fumigators, 50 cts. each.

"NICO-FUME" TOBACCO PAPER. For fumigating. Does not injure blooms. In tins. 24 sheets, 75 cts., 144 sheets, $3.50, 288 sheets $6.50.

NICO-FUME LIQUID. For fumigating or spraying. Effective against green fly, mealy bug, etc. Does not stain or injure blooms, and leaves no disagreeable odor. For spraying, 1 to 2 teaspoonfuls to a gallon of water. ¼pt. 50 cts., pt. $1.50, ½gal. $5.50, gal. $10.50. Lamps 50 cts. each.

PARIS GREEN. Mix at the rate of 1 lb. to 200 gals. of water. 1-lb. can 35c., ½-lb. can 20c., ¼-lb. can 12c.

SLUG-SHOT (HAMMOND'S). Excellent for destroying cabbage, turnip and beet fly, potato bugs, currant worms, etc. 5-lb. package 30 cts., 10-lb. pkg. 50 cts., 100-lb. pkg. $4.50.

SULPHUR, POWDERED. Valuable for protecting against mildew on grapes, roses, etc. Lb. 10 cts., 10 lbs. 60 cts., 100 lbs. $4.

SULPHO-TOBACCO SOAP. Dissolve in proportion of 2 ounces to a gallon of water, and apply with a syringe or atomizer. It will destroy rose slugs, aphides, green fly, bark-lice, etc. 3-oz. box 10 cts., 8-oz. box 20 cts., 10-lb. box $3.

TOBACCO DUST—

Ordinary Kind. For dusting. Lb. 10 cts., 5 lbs. 35 cts., 10 lbs. 60 cts., 100 lbs. $2.75.

Stoothoff's "Black Stuff." For dusting. 50 lbs. $2.25, 100 lbs. $4.

Stoothoff's "Fumigating Kind." For burning. 50 lbs. $2.25, 100 lbs. $4.

TOBACCO STEMS. For fumigating plants infested with green fly. Bale of about 100 lbs. $1.75, 200 lbs. $3.25, 400 lbs. $5.50.

TREE TANGLEFOOT. A sticky substance applied directly to the bark. For protecting trees against climbing insect pests in a simple, economical and effective way. One application remains sticky, fully exposed to weather, three months. One pound will make a band 7 to 8 feet long. 1-lb. can 30 cts., 3 lbs. 85 cts., 10 lbs. $2.65, 20 lbs. $4.80.

FISH-OIL SOAP. For washing trees and destroying all insects on the bark. 1-lb. box, 15 cts., 5 lbs. 50 cts., 10 lbs. 90 cts., 100 lbs. $7.

X. L. ALL LIQUID INSECTICIDE. For spraying. Purely nicotine; harmless to very delicate plants; kills mealy bugs, red spider and all insect pests. Pt. 65 cts., qt. $1, ½gal. $1.75, gal. $3.50.

FOR SAN JOSE SCALE

California Wash (Lime-Sulphur Solution). One gallon makes 25 by adding sufficient water. Qt. 40 cts., gal. $1, 5 gals. $3.50, in bbl. lots at 50 cts. per gal.

Scalecide. Petroleum oil that mixes at once with cold water and stays mixed. No hot water necessary. Add 1 gallon for every 15 to 20 gallons of water. Qt. 40 cts., gal. $1, 5 gals. $3.25.

Thorburn's High-Grade Fertilizers

THORBURN'S LAWN FERTILIZER

Per ton $50, single bags of 167 lbs. $5, per bag of 100 lbs. $3.25, 50 lbs. $2, 25 lbs. $1.25, 10 lbs. 75 cts.

THORBURN'S COMPLETE MANURE

Ton $40, single bag of 167 lbs. $4, bag of 100 lbs. $2.75, 50 lbs. $1.65, 25 lbs. $1, 10 lbs. 50 cts.

CLAY'S CELEBRATED FERTILIZER

One of the best manures for all horticultural purposes. 1 cwt. (112 lbs.) $7, ½cwt. (56 lbs.) $4, ¼cwt. (28 lbs.) $2.25, ⅛cwt. (14 lbs.) $1.25.

THOMPSON'S VINE MANURE

Unrivaled for vines, tomatoes, cucumbers, fruit trees, and all foliage, flowering and fruit-bearing plants and outdoor plants of every description. Splendid for lawns, etc. Per cwt. (112 lbs.) $7, ½cwt. (56 lbs.) $4.

PURE GROUND BONE MEAL

Finely pulverized. 5 lbs. 25 cts., 10 lbs. 40 cts., 25 lbs. 75 cts., 50 lbs. $1.25, 100 lbs. $2.25, per ton $33.

IMPORTED SCOTCH SOOT

In bags of about 112 lbs. $3.50 per bag.

BOWKER'S AMMONIATED FOOD FOR FLOWERS

The best dressing for potted plants. Small package 15 cts. each, by mail 25 cts. Large package 25 cts. each, by mail 45 cts.

CANADA HARD-WOOD ASHES

Highest grade, extra screened, unleached. In bags of about 100 lbs. $1.50, per ton $22.

PULVERIZED SHEEP MANURE

5-lb. package 30 cts., 10 lbs. 50 cts., 25 lbs. 80 cts., 50 lbs. $1.25, 100 lbs. $2, 200 lbs. $3.75, ton $33.

Horticultural Implements, Etc.

Flower or Tree Tubs

New York Style Tree Tubs. Made of cedar timber, painted green.

No.	Diam.	Height	Each
1	12 inches	10⅝ inches	$1 35
2	13 inches	12¾ inches	1 75
3	14½ inches	14¾ inches	2 25
3½	16½ inches	15¾ inches	2 75
4	19½ inches	16⅝ inches	3 00
5	22½ inches	18½ inches	3 75

Flower Vases. Indurated wood-fiber; for cut-flowers.

	Diam.	Depth	Each
No. 0.	8 inches	13 inches	$0 60
No. 1.	5½ inches	10 inches	50
No. 2.	4½ inches	9 inches	45
No. 3.	4 inches	6 inches	35

Bamboo Canes, Japanese. 6 feet long, $1 per 100, $8 per 1,000; 8 feet long, $1.25 per 100, $10 per 1,000. Not less than 100 sold.

Carnation Supports, Galvanized.	Doz.	100
2-ring	$0 75	$5 00
3-ring	90	5 50

Galvanized Wire Stakes. For roses, etc.		
2 feet	30	2 00
3 feet	40	2 50
4 feet	50	3 00
5 feet	60	3 50

Glazing Points, Tiger Brand. 50 cts. per 1,000. Pincers for same, 50 cts. each.

Glazing Putty Bulbs (Scollay's). $1 each, by mail $1.10.

Grape Scissors. Best English. For thinning the bunches. 6-in. 90 cts., 7-in. $1.25, 8-in. $1.50.

Thorburn's New Grass Shear. This is the most practical grass shear manufactured. It can be taken apart to sharpen; best English steel. 7-in. $1.50, by mail $1.65.

Grafting Wax. The best grade. ¼lb. pkg. 10 cts., ½lb. pkg. 15 cts., lb. pkg. 25 cts

English Hedge Shears—		
Saynor—	Plain	Notch
8-in.	$2 25	$2 50
9-in.	2 50	2 75
10-in.	2 75	3 00
Regulation. 8-in.	1 00	1 25
9-in.	1 25	1 50
10-in.	1 50	1 75

Horse Boots. Made of very strong, heavy leather closely riveted. Per set of 4, $9.

Hotbed Sash. Best quality. *Packing at cost.*	Each	Doz.
Unglazed. 3 x 6 ft.	$1 20	$13 00
Glazed and Painted. 3 x 6 ft., 10 x 12 glass	3 50	38 00
Glazed and Painted. 3 x 6 ft. 10 x 12 double glass	4 75	54 00

Hyacinth Glasses, Tall or Tye's Shape. Blue, Green and Purple. Either style. 20c. each, $2 per doz.

Mastica. For glazing greenhouses, sashes, etc. Per qt. 40 cts., gal. $1.35.

Mastica Glazing Machines. $1.25 each.

Mats, Hotbed. Made of jute, stitched through, hemmed with canvas and thickly padded; size, 76 by 76 inches; one mat covers two sashes.

No. 1. Both sides jute, $1.50 each, $16 per doz.

No. 2. One side jute, the other side waterproof duck. $2 Each, $22 per doz.

Pruners. Waters' Long-handled Tree. 4 feet, 75 cts. each; 6 feet, 80 cts. each; 8 feet, $1 each, 10 feet, $1.10 each.

Little Giant Pruner and Saw Combined. $1.50.

Rakes. All kinds. See page 134 General Catalogue.

SHEARS—	Each
Pruning, English Watch Spring	$1 50
Perfection Pruning. No. 1, 6½ inches	1 75
No. 2, 7½ inches	2 00
No. 3, 8½ inches	2 50
No. 4, 9½ inches	3 00
Wiss' Solid Steel Pruning. The best American shear. Detachable blades. 9-in.	2 25
10-in.	2 50

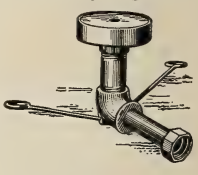
Sprinklers, all for ¾-inch hose.

Ring Sprinkler	75
Water Witch, No. 3	50
No. 4	1 25

Hotchkiss Lawn Sprinkler No. 55. The most popular 3-arm sprinkler on the market; made of brass, nickel-plated, with malleable iron runners. Will cover an area 30 feet in diameter. $1.25.

Hotchkiss Lawn Sprinkler No. 65. This combination sprinkler and fountain is beautiful as well as useful. Brass and nickel-plated, with malleable iron runners. Will cover an area 40 feet in diameter. $1.75.

Shower Sprinkler. Mounted on holder for sprinkling lawns—or can be attached directly to garden hose for washing sidewalks, etc. Cannot clog or get out of order; will not rust. Standard ¾-in. hose connection. Holder and nozzle complete, $2.



Thermometers. Hotbed and mushroom bed. Brass tips; made for plunging. Each, soft wood, $1, boxwood, $1.75.

Gem Lawn Cleaner

THE GEM LAWN CLEANER

A revolving fan with metal teeth creates an air-current which carries into the canvas basket all leaves, dead grass, stones, etc., that the rake encounters. It straightens up crab grass and other running weeds so that they may be cut by the lawn mower. Price, $16.

Bucket Spray Pump

Being made of brass, it is not affected by the arsenites used for spraying. Easily operated; throws a solid stream 50 feet. It is provided with a combination nozzle and with a sprinkler for flowers. For spraying large trees, an 8-foot extension is supplied for 60 cts. extra. This pump is also valuable for washing windows. Price $3.75.

"Auto-Spray" Pump

A self-operating sprayer of simple construction, durable, easy to carry and to work. Made of galvanized iron or solid brass, with 4-ply rubber hose. For spraying trees, shrubs, cleaning windows, etc. A perfect pump. Price, with brass tank and stop-cock nozzle, $6.75; galvanized iron tank and stop-cock nozzle, $4.50. Brass extension pipe, 2 feet, 45 cts. extra. Fitted with "Auto-Pop" nozzle, $1 extra. "Auto-Pop" nozzle if sold alone, $1.50.

The "Velvetlawn" Grass Seeder

18 inches wide

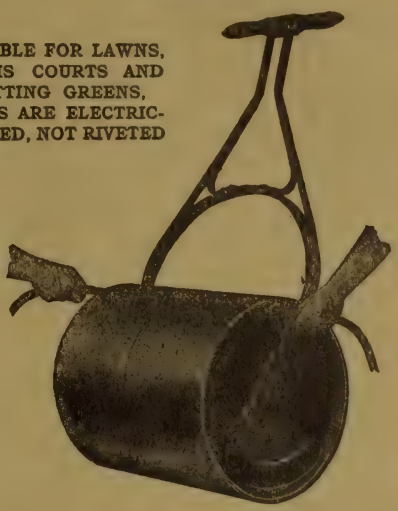
The seeding of new lawns, etc., the re-seeding of old lawns, the drilling of grass seed into putting greens, and the renewing of grass plots every month or so has proven a decided success wherever it has been tried. The machine to do this work is the "Velvetlawn" Grass Seeder. The "Velvetlawn" Grass Seeder puts the seed into the soil where birds, wind and rain cannot get at it. Operator can drill any quantity of seed desired, and as the seed is all planted at an even depth in the ground, uniform growth is assured. Price $15, net cash.

Water Ballast Roller

Roller Bearing. Can Be Filled without Turning on End, with Either Sand or Water

(Patented)

SUITABLE FOR LAWNS, TENNIS COURTS AND PUTTING GREENS, SEAMS ARE ELECTRIC-WELDED, NOT RIVETED



One or two-section "Water Weight" Rollers, without counterbalancing handle-weights.

No.	Diam. in.	Length in.	Sections	Weight empty, lbs	Weight filled with water, lbs.	Weight filled with sand, lbs.	Price
2	14	20	1	60	200	300	$10 00
4	18	24	1	75	300	500	13 00
6	24	24	1	125	500	800	17 00
10	18	24	2	100	300	500	18 00
12	24	32	2	170	650	1000	24 00

If handle-weight is desired, add $1.50 to above prices.

INDEX

	Page
Amaryllis	15
Anemone	15
Arum	26
Astilbe	24, 25
Begonia	16
Brodiæa	16
Calla	24
Calochortus	16
Convallaria	14
Crinum	17, 18
Crocus	16, 17
Crown Imperials	17
Cyclamen	18
Daffodils	10, 11
Eremurus	18
Erythronium	18
Fertilizers	31
Fleur-de-lis	20, 21
Floral Fire-cracker	16
Flower Seeds, Hardy Annual and Perennial	27, 28
Flower Seeds for Frames and Greenhouses	28, 29
Freesia	19
Fritillaria	17–19
Galanthus	24
Gladiolus	19
Gloxinias	20
Grass Seed	2d cover
Horticultural Implements, etc	32
Hyacinths	2–5
Hyacinths, Grape, Nutmeg, Feathered, etc	22
Insecticides and Remedies for Plant Diseases	31
Iris	20, 21
Ixias	21
Jonquils	11
Lachenalia	21
Lawn Cleaner	32
Lilies	12–14
Lily, American Wood	25
Lily, Chinese Sacred	15
Lily, Guernsey	22
Lily, Mariposa	16
Lily-of-the-Valley	14
Miscellaneous Bulbs and Roots	26, 27
Montbretia	22
Muscari	22
Mushroom Spawn	30
Narcissus	10, 11
Nerine	22
Oxalis	22
Pæonies	23
Pansy	29
Ranunculus	23, 24
Richardia	24
Scilla	24
Shamrock, Indian	25
Snowdrops	24
Spiræa	24, 25
Spray Pump, Bucket	32
Sweet Peas	29, 30
Trillium	25
Tuberoses	25
Tulips	6–9
Tulip, Mariposa	16
Vegetable Seeds	30
Violet, Dog's-Tooth	18
Windflower	15

A few suggestions regarding the Selection of Bulbs for your early garden

WE have given a good deal of careful attention for many years to bulbs: their importing from Holland, their planting and care. The finest outdoor displays of the early spring months come from bulbs planted in the fall.

Our Bulb Catalog lists and illustrates a great number of beautiful flowers, but we have long appreciated the difficulty of making the best possible selection from it.

We have prepared therefore, a Special Assortment which is shown on the following page. This Assortment contains 204 bulbs of the seven varieties there illustrated.

It will be sent by us express prepaid on receipt of - - - - $2.50
Double the quantity (408 bulbs) will be sent for - - - - - 4.75

The above prices are a material reduction from the catalog prices of each variety of bulbs if added together, and we strongly recommend your ordering a single or double assortment. We shall be pleased to quote prices for even larger quantities on request.

J. M. Thorburn & Co.

33 Barclay Street, *through to* 38 Park Place, New York

A selection of Thorburn Bulbs for your early garden

This assortment contains 204 bulbs of the seven varieties here illustrated

It will be sent by us express prepaid on receipt of - $2.50
Double the quantity (408 bulbs) will be sent prepaid for 4.75

Fig. Description

1—**Crocus:** This is a very favorite flower, as it is one of the earliest of the spring blossoms. The assortment contains 50 bulbs of mixed colors. See Bulb Catalog, page 17.

2—**Narcissus:** Their exquisite grace, beauty and charm have immortalized them in poetry and prose. The assortment contains of the early single sorts 6, and of the mixed trumpet sorts 6. Also 12 of the Narcissus Poeticus, pure white with red cup. See Bulb Catalog, page 10.

3—**Spanish Iris:** These flowers are particularly fine for cutting and use in vases. They bloom in early May. The assortment contains 50 superfine mixed bulbs. See Bulb Catalog, page 20.

4—**Tulips:** These give wonderful effects of color for display beds. They are much admired for their brilliancy and beauty of form. The assortment contains of the early single mixture 6, and of the early double mixture 6. See Bulb Catalog, page 6.

Fig. Description

5—**Lillies:** The Candidum or Madonna, have large pure white flowers and are delightfully fragrant. The assortment contains 6 large bulbs. See Catalog, page 13.

6—**Hyacinths:** One of the most popular of the early spring flowering plants on account of the great variety of color and perfume. The assortment contains 6 of the single and 6 of the double, mixed colors. See Catalog, page 3.

7—**Freesias:** These are remarkable for their delicately colored flowers and their lasting fragrance. The assortment contains 25 of Alba Refracta and 25 of the Red Refracta. See Bulb Catalog, page 19.

Note—The prices quoted for the above assortment are a material reduction from the prices of each variety of bulbs if added together. We shall be pleased to fill your order for either a single or double assortment, or for larger quantities.

Grass Seed for Autumn Sowing

WE all have (either consciously or unconsciously) our particular enthusiams. To make grass grow under adverse conditions has interested us greatly for many years and we have learned a good deal about it.

Some of our special varieties are:

Thorburn Lawn Grass
Thorburn Special Lawn Mixture
Thorburn Lawn Restoring Grass Seed
Thorburn Lawn Grass for the South
Thorburn Mixture for shady spots
Thorburn Grass Seed for Golf Links, Tennis Courts, etc.
Thorburn Grass Seed for Meadows and Pastures

We strongly recommend Autumn sowing which should be done in September so that the young grass may become well rooted before winter sets in.

Write us explaining the particular conditions in your case and we think we can offer seed especially adapted to your requirements, and some useful suggestions in regard to its use.

Our Special Offer of Single Tulips

THIS year we have selected six varieties of early single tulips for a special offer, as given below.

They are the most beautiful of their several colors. A number of them are shown in figure 4 on center page of this folder.

Artus, Bright scarlet
L'Immaculee, Pure white
Crysolora, Pure yellow
Cottage Maid, Rose, flushed white
Duchesse de Parma, Orange-scarlet with yellow border
Thomas Moore, Terra-cotta shaded golden

We will be pleased to send this assortment at the following prices postage paid.

Two of each (twelve bulbs) . .	40c.
Four of each (twenty-four bulbs)	75c.
Eight of each (forty-eight bulbs	$1.35
One dozen of any one variety .	35c.

This assortment may well be ordered in addition to the larger one shown on center page. We will ship both express prepaid in one package if desired.

A few suggestions regarding the selection of

Bulbs

for your early Garden

J. M. Thorburn & Co.
33 Barclay Street, *through to*
38 Park Place, New York

J. M. THORBURN & CO.
33 BARCLAY ST. AND 38 PARK PLACE
NEW YORK